



2024 北京 - 南京国际城市轨道交通高峰论坛
2024 INTERNATIONAL METRO TRANSIT FORUM (BEIJING-NANJING)

会议手册

CONFERENCE HANDBOOK

主办单位：中国城市轨道交通协会
HOST BY: China Association of Metros

2024 6.13-14 南京国际博览会议中心
Nanjing International Expo Center

钻石级赞助商



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北京恒安卫士保安服务有限公司
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嘉成股份
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THALES SEC TRANSPORT



同岩科技
数字引领工程 智慧改变建界



UCD



JSTI
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中国建筑
CHINA STATE CONSTRUCTION



中国铁建



中国中铁

2024 北京 - 南京国际城市轨道交通高峰论坛

International Metro Transit Forum (Beijing-Nanjing)



尊敬的参会嘉宾:

Distinguished guest,

欢迎您参加由中国城市轨道交通协会主办的 2024 北京 - 南京国际城市轨道交通高峰论坛（简称“城轨高峰论坛 MetroTrans Forum”）。

Welcome to the 2024 Beijing-Nanjing International Metro Transit Forum (hereinafter referred to as the "MetroTrans Forum") hosted by China Association of Metros.

一、关于展会 / ABOUT METROTRANS

北京国际城市轨道交通展览会暨高峰论坛（MetroTrans）是由中国城市轨道交通协会主办的年度行业展会。经过 9 年 7 届的精心培育发展，MetroTrans 已成为国际城市轨道交通领域规模最大、最具品牌影响力的行业盛会。

征程万里风正劲，重任千钧再奋蹄。新时代绘织新蓝图，新征程吹响新号角。本届展会将进一步落实《中国城市轨道交通智慧城轨发展纲要》《中国城市轨道交通绿色城轨发展行动方案》，以促进城轨多元融合和新质生产力提升，加强城市轨道交通全产业链广泛交流、深度合作，集中展示新技术、新成果、新业态为目标，着力打造国际一流的城市轨道交通行业盛会，推动城市轨道交通高质量稳定发展。展会充分展示城市轨道交通行业新质生产力的创新实践成果，探讨在新时代用新理念、新科技、科学普及推动城市轨道交通行业的高质量可持续发展。

Beijing International Metro Transit Exhibition & Forum(MetroTrans), which is hosted by China Association of Metros. It has seen its 7th successful delivery. MetroTrans is considered to be the largest and most-influential exhibition in the field of China urban rail.

We have a long way to go and many arduous tasks to do, and we need to make continuous efforts to realize the goals. In this new era, the new blueprint is completed, and the new journey is started. At this exhibition, we will further implement the "Development Outline of Smart Urban Rail of China Urban Rail Transit" and the "Green Urban Rail Development Action Plan of China Urban Rail Transit", promote the multi-integration of urban rail and the improvement of new quality productivity, strengthen the extensive exchanges and in-depth cooperation in the entire industrial chain of urban rail transit while focusing on displaying new technologies, new achievements, and new formats. And we will strive to make the event a world-class urban rail transit industry event, so as to promote the high-quality and stable development of urban rail transit. The event will fully demonstrates the innovative practical achievements of new quality productivity in the urban rail transit industry, and discuss the use of new concepts, new technologies, and promote the concept of high-quality and sustainable development of the urban rail transit industry in the new era.

二、关于城轨高峰论坛 / ABOUT METROTRANS FORUM

城轨高峰论坛 MetroTrans Forum 进一步突出国际化、前瞻性、实效性。不仅全面彰显城轨交通行业在培育发展新质生产力方面的成果，侧重于凸显科技创新的行业引领作用，更致力于为建设更加美好、更可持续的高质量城轨交通贡献智慧和力量。

城轨高峰论坛 MetroTrans Forum 精心策划 1 场主论坛、7 场分论坛、2 场专题论坛和一系列沙龙研讨活动，并同期举办中国城市轨道交通业主领导人峰会 2024 南京年会。主论坛主题为“培育新质生产力，赋能城轨高质量可持续发展”，并将首次增设主题为“创新与发展”的国际学术论坛。分论坛将围绕新质生产力、高质量可持续发展、多元融合、绿智城轨、科技创新、数字化与安全、运营管理、人才发展、广告传媒、中低运能系统、供配电系统、中小企业等，共话开放创新，共谋发展机遇，展现对培育新质生产力、促进行业科技创新的引领作用。

来自世界各地的专家学者、行业领袖和业界菁英，将在城轨高峰论坛 MetroTrans Forum 这一主题鲜明、内容全面、特色突出、饱含新意的互动平台上，分享最新研究成果，交流前沿技术，探讨行业趋势，通过全球性的交流与合作，为推动城轨交通行业的创新与发展提供有力支持。

MetroTrans Forum will highlights in internationalization, forward-thinking , and practical effect. MetroTrans Forum not only comprehensively demonstrates the achievements of the urban rail transit industry in cultivating and developing new quality productivity but also focuses on highlighting the industry's leading role in technological innovation. It is dedicated to contributing wisdom and strength to the construction of a better and more sustainable high-quality urban rail transit system.

MetroTrans Forum consists one main forum, 7 sub-forums, 2 themed forums, 1 theme salon, and practical effect. In the meantime, China Summit of Metro Operators 2024 Nanjing Annual Conference will be held.The main forum will deeply focus on “cultivating new quality productivity and empowering the high-quality sustainable development of urban rail transit” and will hold the inaugural “Innovation and Development” themed international academic forum.The sub-forums will revolve around topics such as new quality productivity, high-quality sustainable development, diverse integration, green and intelligent urban rail transit, technological innovation, digitization and security, operation management, talent development, advertising and media, medium and low-capacity systems, power supply and distribution systems, SME and more. Together with colleagues from various fields, they will discuss the open innovation in the new stage of the urban rail transit industry, highlighting frontier exploration, seeking extensive cooperation, and sharing opportunities for industry development.

Experts, scholars, industry leaders, and elites from around the world will gather at MetroTrans Forum 2024, an interactive platform with a distinct theme, comprehensive content, prominent features, and fresh ideas. They will share the latest research findings, exchange cutting-edge technologies, and explore industry trends. Through global communication and cooperation, they will provide strong support for promoting innovation and development in the urban rail transit industry.

三、论坛日程 / FORUM AGENDA

2024 年 6 月 13 日 星期四 论坛日程
Thursday, June 13th Forum agenda

| 时间 / TIME | 论坛议题 / FORUM TOPICS | 地点 / ADDRESS |
|-------------|--|---|
| 09:00-10:20 | 中国城轨交通业主领导人峰会 2024 南京年会 China Summit of Metro Operators-2024 Nanjing Annual Conference 2024 北京—南京国际城市轨道交通展览会暨高峰论坛开幕式 2024 INTERNATIONAL METRO TRANSIT EXHIBITION & FORUM (BEIJING-NANJING) China Summit of Metro Operators 2024 Nanjing Annual Conference Opening ceremony | 博览中心 8 号馆 Expo center Hall 8 |
| | 组委会巡馆 Organizing committee tour | 博览中心 Expo center |
| 10:30-12:30 | 主论坛（第一阶段） 培育新质生产力，赋能城轨高质量可持续发展 Main Forum (The first stage)- Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit | 国博会议中心 1 层 中华厅 Conference center China Hall |
| 14:00-18:00 | 主论坛（第二阶段） 国际学术论坛：创新与发展 Main Forum (The second stage)- Main Forum: International Academic Forum - Innovation and Development | 国博会议中心 1 层 中华厅 Conference center China Hall |
| 13:30-18:00 | 中国城轨交通业主领导人峰会 2024 南京年会 — 城市轨道交通企业财务全生命周期与可持续发展 China Summit of Metro Operators 2024 Nanjing Annual Conference - Financial Life Cycle and Sustainable Development of Metro Enterprises | 国际青年会议酒店 5 层 南京厅 International Youth Conference Hotel 5th Floor-Nanjing Hall |
| 19:30-21:00 | 国际学术沙龙 International Academic Salon | 国博会议中心 3 层 南京 302 Conference center 302 |

2024 年 6 月 14 日 星期五 论坛日程
Friday, June 14th Forum agenda

| 时间 / TIME | 论坛议题 / FORUM TOPICS | 地点 / ADDRESS |
|-------------|---|---|
| 09:00-13:00 | 主论坛（第三阶段） 培育新质生产力，赋能城轨高质量可持续发展 Main Forum (The third stage)- Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit | 国博会议中心 1 层 中华厅 Conference center China Hall |
| 09:10-17:40 | 城轨数字化与安全论坛——数智融通，安全筑底，城轨行业可持续发展 Urban Rail Transit Digitalization and Safety Forum - Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry | 国博会议中心 3 层 扬子厅 Conference center Yangtze Hall |

2024 年 6 月 14 日 星期五 论坛日程
Friday, June 14th Forum agenda

| 时间 / TIME | 论坛议题 / FORUM TOPICS | 地点 / ADDRESS |
|-------------|--|---|
| 09:00-13:00 | 城轨人才培养论坛——多元融合 推动城轨交通行业人才高质量可持续发展 Urban Rail Transit Talent Training Forum - Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry | 国博会议中心 3 层 南京 302 Conference center Nanjing 302 |
| 09:00-12:10 | 城轨运营管理专业论坛——创建服务品牌、提升服务效能 Urban Rail Transit Operation and Management Forum - Create Service Brand, Improve Service Efficiency | 国博会议中心 3 层 南京 303 Conference Center Nanjing 303 |
| 09:00-12:30 | 第三届城市轨道交通中小企业论坛——中德轨道交通产业创新与合作 - The 3rd Metro Transit SMEs Forum- Sino-German Urban Rail Transit Industry Innovation and Cooperation | 国博会议中心 4 层 南京 403 Conference center Nanjing 403 |
| 09:00-12:10 | 城市轨道交通可持续发展设计论坛——创新设计高性价比系统解决方案 Sustainable Design Forum for Urban Rail Transit - Innovative design of cost-effective system solutions | 国博会议中心 3 层 钟山厅 Conference center Zhong Shan Hall |
| 13:30-18:00 | 城轨融合发展论坛暨总工沙龙——融合创新 聚力城轨可持续发展 Urban Rail Transit Integrated Development Forum & Chief Engineers Salon - Fusion and Innovation, Collaborating Sustainable Development of Urban Rail Transit Industry | 国博会议中心 3 层 钟山厅 Conference center Zhong Shan Hall |
| 14:00-17:30 | 城轨中低运能系统论坛——中低运能系统高质量可持续发展 Forum on the Medium-to-low transport capacity for Metro - High-quality Sustainable Development of Medium-to-low transport capacity | 国博会议中心 3 层 南京 302 Conference center Nanjing 302 |
| 14:00-18:00 | 城轨工程建设论坛——城轨建设新质生产力，绿色装配 智慧建造 Urban Rail Transit Engineering Construction Forum - New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction | 国博会议中心 3 层 南京 303 Conference Center Nanjing 303 |
| 14:00-17:00 | 中国地铁广告传媒高质量发展大会——数智创新 聚势共赢 China Metro Advertising Media Development Conference - Digital and Smart Innovation, Pooling Resources for Win-win | 国博会议中心 1 层 中华厅 Conference center China Hall 1 |
| 18:00-22:00 | “我看新质生产力” 第二届交大校友沙龙 ——校友企业家、工程师畅谈新质生产力 "My View of the New Quality Productive Forces"- 2nd Jiao Tong University Alumni Salon: Alumni Entrepreneurs and Engineers Discussing the New Quality Productive Forces | 国博会议中心 4 层 南京 403 Conference center Nanjing 403 |

四、展馆场地 / VENUE

南京国际博览中心平面索引图 Plan index Map of Nanjing international Expo Center



五、其他事项 / OTHER MATTERS

[关于论坛议程 / THE FORUM AGENDA]

因会议手册提前印制，本手册内容截止日期为 5 月 31 日，会议内容与手册内容可能有所不同，请以会议当日实际议程为准。我们会在论坛报名系统中持续更新城轨高峰论坛 MetroTrans Forum 相关议程，请您关注。

Please note that, as the manual, which is drafted on May 31, needs to be printed in advance, the practical event agenda may be different from that stated in the manual. Notwithstanding, for your reference, we will continue to update the relevant agenda of the event in the forum registration system.



人民城轨 APP

[关于调研问卷 / THE SURVEY QUESTIONNAIRE]

为全面了解观众参会体验，促进城轨高峰论坛 MetroTrans Forum 以更优质的服务回馈行业，特别设置调研问卷。请您拨冗填写一份以选择题为主的，简单的调研问卷。填写问卷有可能获得一份来自组委会的礼品（奖品将在会后邮寄至您提供的地址。）

To fully understand the audience's experience and enable the service quality improvement of the event for the benefit of the industry, this special survey questionnaire is provided, which is simple and mainly include multiple choice questions. Please take your time to fill it. Once fill it, you may receive a gift from the organizing committee at the address you provided at the event.



调查问卷二维码

[关于论坛资料 / Forum information]

论坛相关资料和信息将陆续发布和持续更新，请扫描右侧二维码关注“北京国际城市轨道交通展览会”公众号，获取更多会议资料。

Relevant materials and information of the forum will be released and continuously updated. For more event-related materials, please scan the QR code on the right to follow the official accounts of "Beijing International Urban Rail Transit Exhibition".



MetroTrans 公众号

[“城轨圈”交流群 / "URBAN METRO" ONLINE COMMUNITY]

扫描右侧调研问卷二维码可跳转“城轨圈”社群入口，选择并立即加入您感兴趣的行业社群。

组委会再次欢迎您参加由中国城市轨道交通协会主办的 2024 北京 - 南京国际城市轨道交通高峰论坛，希望您有一个愉快的参会体验。

Scan the QR code on the right of the survey questionnaire to jump to the "Urban Metro" community entrance, and select to join the industry community you are interested in.

You are welcomed to participate in the 2024 Beijing-Nanjing International Metro Transit Forum hosted by the China Association of Metros. Wish you will have a pleasant experience.



城轨圈交流群

MetroTrans 组委会 / MetroTrans Organizing Committee

2024 年 5 月 31 日 / May 31, 2024

中国·南京 / CHINA·Nanjing

组织架构

BIOGRAPHY OF THE SPEAKERS

010

主论坛（第一阶段）—— 培育新质生产力，赋能城轨高质量可持续发展

Main Forum (The first stage)-Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit

012

主论坛（第二阶段）—— 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

022

主论坛（第三阶段）—— 培育新质生产力，赋能城轨高质量可持续发展

Main Forum (The third stage)-Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit

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国际学术沙龙

International Academic Salon

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城轨数字化与安全论坛—— 数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum - Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry

060

城轨人才培养论坛—— 多元融合 推动城轨交通行业人才高质量可持续发展

Urban Rail Transit Talent Training Forum - Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry

080

城轨运营管理专业论坛—— 创建服务品牌、提升服务效能

*Urban Rail Transit Operation and Management Forum
- Create Service Brand, Improve Service Efficiency*

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注：论坛议程以当天实际安排为准。
Note: The agenda of the forum is subject to the actual arrangement of the day.

多元融合 高质量可持续发展

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

组织架构

BIOGRAPHY OF THE SPEAKERS

指导单位 / ADVISED BY

工业和信息化部

Ministry of Industry and Information Technology

主办单位 / HOST

中国城市轨道交通协会

China Association of Metros

特邀协办 / CO-HOST BY

南京地铁集团有限公司

Nanjing Metro Group Co., Ltd.

特邀协办 / SPECIALLY CO-ORGANIZED BY

苏州市轨道交通集团有限公司

Suzhou Rail Transit Group Co., Ltd.

无锡地铁集团有限公司

Wuxi Metro Group Co., Ltd.

常州地铁集团有限公司

Changzhou Metro Group Co., Ltd.

徐州地铁集团有限公司

Xuzhou Metro Group Co., Ltd.

南通轨道交通集团有限公司

Nantong Rail Transit Group Co., Ltd.

青岛地铁集团有限公司

Qingdao Metro Group Co., Ltd.

中国中车股份有限公司

CRRC Corporation Limited

中国中铁股份有限公司

China Railway Group Limited CRRC Corporation Limited

世界轨道交通发展研究会

The World Railway Development and Research Society

江苏省综合交通运输学会

Jiangsu Provincial Comprehensive Transportation Society

南京轨道交通产业协会

Nanjing Rail Transit Industry Association

支持单位 / SUPPORTED BY

中国铁道学会

China Railway Society

中国交通运输协会

China Communications and Transportation Association

中国土木工程学会

China Civil Engineering Society

中国智能交通协会

China Intelligent Transportation Systems Association

中国城市公共交通协会

China Urban Public Transport Association

德国轨道工业协会

Verband der Bahnindustrie(VDB)

国际公共交通联合会

The International Association of Public Transport(UITP)

中国欧盟商会

The European Union Chamber Commerce in China

北京市地铁运营有限公司

Beijing Mass Transit Railway Operation Corp. Ltd.

天津轨道交通集团有限公司

Tianjin Rail Transit Group Co., Ltd.

成都轨道交通集团有限公司

Chengdu Rail Transit Group Co., Ltd.

武汉地铁集团有限公司

Wuhan Metro Group Co., Ltd.

西安市轨道交通集团有限公司

Xi'an Rail Transit Group Company Limited

杭州市地铁集团有限责任公司

Hangzhou Metro Group Co., Ltd.

沈阳地铁集团有限公司

Shenyang Metro Group Co., Ltd.

郑州地铁集团有限公司

Zhengzhou Metro Group Co., Ltd.

北京交通大学

Beijing Jiaotong University

西南交通大学

Southwest Jiaotong University

支持单位 / SUPPORTED BY

中国国际工程咨询有限公司
China International Engineering Consulting Corporation

北京城建设计发展集团股份有限公司
Beijing Urban Construction Design & Development Group Co., Ltd.

中国铁道科学研究院集团有限公司
China Academy of Railway Sciences Corporation Limited

交通运输部科学研究院
China Academy of Transportation Sciences

中国城市规划设计研究院
China Academy of Urban Planning & Design

中国铁建股份有限公司
China Railway Construction Corporation Limited

湘电集团有限公司
Xiangtan Electric Manufacturing Group

中国铁路通信信号股份有限公司
China Railway Signal & Communication Co., Ltd.

交控科技股份有限公司
Traffic Control Technology Co., Ltd.

新誉集团有限公司
New United Group

承办单位 / ORGANIZER

中国城市轨道交通协会专家和学术委员会

中国城市轨道交通协会绿色智慧城轨建设领导小组

中国城市轨道交通协会会员服务部

中国城市轨道交通协会标准化技术委员会

中国城市轨道交通协会文化工作委员会

中国城市轨道交通协会职称评审委员会

中国城市轨道交通协会科技进步奖奖励委员会

中国城市轨道交通协会城轨装备认证技术委员会

中国城市轨道交通协会装备自主化工作委员会

中国城市轨道交通协会统计部

中国城市轨道交通协会标准部

中国城市轨道交通协会文化和培训部

中国城市轨道交通协会评审部

中国城市轨道交通协会认证部

中国城市轨道交通协会运营管理专业委员会

中国城市轨道交通协会设计咨询专业委员会

中国城市轨道交通协会工程建设专业委员会

中国城市轨道交通协会技术装备专业委员会

中国城市轨道交通协会安全管理专业委员会

中国城市轨道交通协会资源经营专业委员会

中国城市轨道交通协会信息化专业委员会

中国城市轨道交通协会低运能系统分会

中国城市轨道交通协会单轨分会

中国城市轨道交通协会传媒会展中心

北京中城轨会展有限公司

北京中城轨文化传播有限公司

Experts & Academic Committees of CAMET

Green and Smart Urban Rail Construction Leadership Group of CAMET

Member Service Department of CAMET

Standardization Technical Committee of CAMET

Cultural Work Committee of CAMET

Evaluation Committee of Professional Titles of CAMET

Science & Technology Progress Award Committee of CAMET

Technical Committee for Urban Rail Transit Equipment Certification of CAMET

Equipment Autonomy Work Committee of CAMET

Statistics Department of CAMET

Standard Department of CAMET

Culture & Training Department of CAMET

Review Department of CAMET

Certification Department of CAMET

Operations Management Committee of CAMET

Design & Consulting Committee of CAMET

Engineering Construction Committee of CAMET

Technical Equipment Committee of CAMET

Safety Management Committee of CAMET

Resource Management Committee of CAMET

Informationization Committee of CAMET

Low Transport Capacity System Branch of CAMET

Monorail Branch of CAMET

Media & Exhibition Center of CAMET

Beijing Sino Urban Railway Expo Co., Ltd.

Beijing Sino Urban Railway Culture Media Co., Ltd.

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

主论坛（第一阶段）

培育新质生产力，赋能城轨高质量可持续发展

Main Forum (The first stage)-Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit

论坛架构 / FORUM STRUCTURE

论坛时间：2024 年 6 月 13 日 10:30-12:20

论坛地点：南京国际博览会议中心 1 层 中华厅

主办单位：中国城市轨道交通协会

承办单位：中国城市轨道交通协会专家和学术委员会

中国城市轨道交通协会传媒会展中心

北京中轨道交通研究院有限公司

北京中城轨会展有限公司

支持单位：北京恒安卫士保安服务有限公司

华为技术有限公司

Time: June 13, 2024 10:30-12:20

Place: China Hall, 1st, Nanjing International Expo Centre

Host: China Association of Metros

Organizer: Experts & Academic Committees

China Association of Metros Media Exhibition Center

Beijing China Rail Transit Research Institute Co., Ltd.

Beijing Sino Urban Railway Expo Co., Ltd.

Supported by: Beijing Hengan Security Safeguard Service Co., Ltd.

Huawei Technologies Co., Ltd

论坛议程 / FORUM AGENDA

| | | | |
|-------------|---------------------------|------|--|
| 主持人 | 周晓勤 中国城市轨道交通协会常务副会长 | | |
| 一、致 辞 | | | |
| 时 间 | 内 容 | 致辞人 | 单位及职务 |
| 10:30-10:35 | 会长致辞 | 余才高 | 中国城市轨道交通协会会长 南京地铁集团有限公司党委书记、董事长 |
| 二、主旨演讲 | | | |
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 10:35-11:05 | 拥抱数智技术，推动交通可持续发展 | 黄 卫 | 中国工程院院士 第十四届全国政协常委、教科卫体委员会副主任 |
| 三、主题演讲 | | | |
| 时 间 | 演讲主题 | 演讲嘉宾 | 单位及职务 |
| 11:05-11:20 | 关于城市轨道交通韧性安全的思考 | 刘加华 | 中国城市轨道交通协会专家和学术委员会副主任 上海申通地铁集团有限公司 副总工程师 |
| 11:20-11:35 | 加快发展新质生产力，扎实推进首都轨道交通高质量发展 | 任宇航 | 北京市基础设施投资有限公司 副总经理 |
| 11:35-11:50 | 融合城轨发展指南精要介绍 | 丁树奎 | 中国城市轨道交通协会副会长 |
| 11:50-12:05 | 加速城轨行业智能化，促进高质量可持续发展 | 王国钰 | 华为技术有限公司 交通智慧化军团副总裁 |
| 12:05-12:20 | 自主创新 引领突破 助力城市交通行业高质量发展 | 宁文泽 | 中国中车股份有限公司总裁助理 |

论坛议程 / FORUM AGENDA

| | |
|------|---|
| Host | Zhou Xiaoqin, Executive vice president of China Association of Metros |
|------|---|

1. DELIVER SPEECHES

| TIME | CONTENT | SPEAKERS | UNIT&POSITION |
|-------------|------------------------------|------------|---|
| 10:30-10:35 | Speech delivery by president | She Caigao | The president of China Association of Metros Secretary of the Party Committee and chairman of Nanjing Metro Group Co., Ltd. |

2. KEYNOTE SPEECHES

| TIME | SPEECH TOPIC | SPEAKER | UNIT&POSITION |
|-------------|---|-----------|---|
| 10:35-11:05 | Embracing Digital and Intelligence Technology for Sustainable Transportation | Huang Wei | Chinese Academy of Engineering Academician Members of the Standing Committee of the National Committee of the CPPCC, Vice Director of Committee of Education, Science, Culture, Health and Sports |

3. THEME SPEECHES

| TIME | SPEECH TOPIC | GUEST SPEAKER | UNIT&POSITION |
|-------------|--|---------------|---|
| 11:05-11:20 | Thoughts on Resilience Safety of Urban Rail Transi | Liu Jiahua | Director of Experts & Academic Committees of China Association of Metros. Deputy Chief Engineer of Shanghai Shentong Metro Group Co., Ltd. |
| 11:20-11:35 | Accelerating the development of new quality productive forces to promote the high-quality development of Beijing Rail Transi | Ren Yuhang | Deputy general manager of Beijing Infrastructure Investment Co., Ltd. |
| 11:35-11:50 | Introduction to the Guide the Integrated Urban Rail Development | Ding Shukui | Vice president of China Association of Metros |
| 11:50-12:05 | Accelerate the Intelligentization of the Urban Rail Transit Industry and Promote High-quality and Sustainable Development | Wang Guoyu | Vice president, Smart Transportation BU of Huawei Technologies Company Ltd. |
| 12:05-12:20 | Leading Breakthroughs through Independent Innovation and Promoting High-quality Development of Urban Rail Transit Equipment | Ning Wenze | Assistant to the President of CRRC Corporation Limited. |

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黄卫 / Huang Wei

中国工程院院士

第十四届全国政协常委、教科卫体委员会副主任

*Academician of the Chinese Academy of Engineering
Members of the Standing Committee of the National Committee of the CPPCC,
Vice Director of Committee of Education, Science, Culture, Health and Sports*



黄卫，中国工程院院士，第十四届全国政协常委，教科卫体委员会副主任，中华人民共和国科学技术部原副部长、党组成员。黄卫院士是我国著名的道路、桥梁及交通工程专家，大跨径桥梁钢桥面铺装与智能运输系统领域的主要开拓者之一，多组分环氧沥青的发明者，绿色道路工程技术的先行倡导者。研究成果获国家、部省科技奖 27 项，授权专利 30 余件，主编国家、行业标准 5 部，为推动交通领域的智能化建设与碳减排技术进步做出了重要贡献。

Huang Wei is an academician of the Chinese Academy of Engineering, a member of the Standing Committee of the 14th National Committee of the Chinese People's Political Consultative Conference (CPPCC) and Vice Director of the Committee on Education, Science, Health and Sports, and former Vice-Minister of the Ministry of Science and Technology of the People's Republic of China and a member of the party group. Huang Wei is an expert in road, bridge and transportation engineering. He is one of the main pioneers in the field of steel deck paving for large-span bridges and intelligent transportation systems in China, the inventor of new multi-component epoxy asphalt material in China, and leading advocate of green road engineering technology. The research achievements have won 27 national and provincial science and technology awards, more than 30 authorized patents, and edited 5 national and industry standards, making important contributions to promoting the intelligent construction and carbon emission reduction technology progress in the field of transportation.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

余才高 / She Caigao

中国城市轨道交通协会会长

南京地铁集团有限公司党委书记、董事长

President of CAMET

Corporation Secretary of the Party Committee and chairman of Nanjing Railway Group Co.,Ltd.



余才高，现任中国城市轨道交通协会会长、南京地铁集团有限公司党委书记、董事长，第十三届、第十四届全国人大代表，全国劳动模范，研究员级高级工程师。江苏省“333 高层次人才培养工程”（第二层次）中青年科技领军人才，江苏省有突出贡献中青年专家。2007 年获国家发展与改革委员会“推进城市轨道交通装备国产化工作中做出突出贡献”奖，2009 年享受国务院政府特殊津贴，2019 年被授予“中国地铁 50 年致敬人物”称号。

She Caigao, researcher-level senior engineer, currently the president of China Association of Metros, secretary of the party committee and chairman of Nanjing Metro Group Co., Ltd., representative of the 13th and 14th National People's Congress, National Model Worker. Won titles of Young and Middle-aged Scientific and Technological Leaders in Jiangsu Province's "333 High-level Talent Training Project" (second level), and Young and Middle-aged Experts with Outstanding Contributions in Jiangsu Province. Won "Outstanding Contribution in Promoting the Localization of Urban Rail Transit Equipment" by the National Development and Reform Commission in 2007; Received the special government allowance of the State Council in 2009; and was awarded the title of "Figures of the 50th Anniversary of China Metro" in 2019.

周晓勤 / Zhou Xiaoqin

中国城市轨道交通协会常务副会长

China Association of Metros Executive vice president



周晓勤，1983.3 - 1988.12 北京铁路分局电子计算所工程师；1988.12 -2017.2 中国国际工程咨询公司；历任：交通项目部铁道处工程师、副处长、处长、高级工程师，交通产业发展部副主任、主任，教授级高工；2017.3- 现在任中国城市轨道交通协会常务副会长。

Mar. 1983-Dec. 1988 Engineer at Electronic Computing Institute, Beijing Railway Bureau. Dec. 1988- Feb. 2017 China International Engineering Consulting Corporation. Served the following posts successively in China International Engineering Consulting Corporation: Engineer, deputy director, director, senior engineer of Railway Division of Transportation Project Department, deputy director and director of Transportation Project Department, director of Transportation Business Department and professor-level senior engineer. Mar. 2017- now Executive deputy president of China Association of Metros.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

丁树奎 / Ding Shukui

中国城市轨道交通协会副会长

Vice president of China Association of Metros



丁树奎，轨道交通行业知名专家，教授级高级工程师，中国城市轨道交通协会副会长、北京协同创新轨道交通研究院有限公司董事长，住建部科学技术委员会城轨建设专业委员会副主任委员。

一直从事轨道交通工程领域设计、研发、管理等工作，长期致力于推动轨道交通重大装备及核心技术自主化。主持了京沪高铁电气化总体设计、北京亦庄线 CBTC 系统自主化、燕房线自主化全自动运行系统国家示范工程等重大设计研发项目。在城市轨道交通核心技术自主化、网络化、智慧化运行和大型项目管理模式上有多项行业内有重大影响的首创、首倡。两次获得国家科学技术进步奖二等奖，编写出版《城市轨道交通建设安全管理体系》、《基于 BIM 的数字城市轨道交通建设与总体管理》等著作。

A well-known expert in the rail transit industry, professor-level senior engineer, executive vice president of China Association of Metros, chairman of Beijing Collaborative Innovation Rail Transit Research Institute Co., Ltd., and vice chairman of the Urban Rail Construction Sub-commission of the Science and Technology Committee, the Ministry of Housing and Urban-Rural Development.

Has been engaged in the design, research and development, management and other work in the field of rail transit engineering, and has long been committed to promoting the autonomy of major rail transit equipment and core technologies. Has presided over major design and development projects such as the overall design of the electrification of the Beijing-Shanghai high-speed railway, the independent CBTC system of the Beijing Yizhuang Line, and the national demonstration project of the independent and fully automatic operation system of the Beijing Yanfang Line. Made a number of initiatives with significant influence in the industry in terms of the independent, networked, intelligent operation of the core technology of urban rail transit and the management mode of large-scale projects. Won two second prize of the National Science and Technology Progress Award, compiled and published works such as the Urban Rail Transit Construction Safety Management System and Digital Urban Rail Transit Construction and Overall Management Based on BIM.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘加华 / Liu Jiahua

中国城市轨道交通协会专家和学术委员会副主任

上海申通地铁集团有限公司副总工程师

Director of Experts & Academic Committees of China Association of Metros.

Deputy Chief Engineer of Shanghai Shentong Metro Group Co., Ltd.



刘加华，同济大学道路与铁道工程专业毕业，博士学位，高级工程师（教授级），现任上海申通地铁集团有限公司副总工程师，交通运输部运营管理专家、中国城市交通协会专家学术委员会副主任等行业学术职务。

长期致力于轨道交通网络总体、轨道工程、地铁振动与噪声控制及运营安全等设计、研究和技术管理工作。具有 30 年轨道交通从业经验，承担上海地铁 18 条线路轨道设计、技术管理和研究。聚焦轨道安全与振动噪声控制，构建了“集成化仿真、标准化设计、工厂化预制、机械化施工、智能化监测、精细化维护”体系。先后获国务院特贴专家，省部级科技进步奖 12 项、专利 21 项，获科技进步奖 18 项、专利 69 项，共完成 19 项技术标准统一、5 册通用技术标准、20 余项技术改进，同时实施重点科研项目 5 项，专题研究 4 项，以科技创新为手段，突破工程建设瓶颈，节省工程投资 9000 多万元，为上海及全国轨道交通行业的环境振动和噪声控制提供了十分宝贵的理论和实践借鉴。

Liu Jiahua, graduated from Tongji University with a major in Road and Railway Engineering, holds a doctoral degree as a professorate senior engineer, and currently served as Deputy Chief Engineer of Shanghai Shentong Metro Group Co., Ltd.. He also held several academic positions in the industry, such as an operation management expert of the Ministry of Transport and Deputy Director of Experts & Academic Committees of China Association of Metros.

Comrade Liu Jiahua has been engaged in the design, research, and technical management of the rail transit overall network, track engineering, metro vibration and noise control, and operation safety for a long time. He has 30 years of experience in rail transit and has undertaken track design, technical management, and research for 18 metro lines in Shanghai. He has been deeply involved in the field of track safety and vibration noise control, building an efficient system of integrated simulation, standardized design, factory prefabrication, mechanized construction, intelligent monitoring, and fine maintenance. Liu Jiahua was entitled “State Council Special Allowance Expert”, won 12 provincial and ministerial science and technology awards and 21 patents, 18 science and technology progress awards and 69 patents; and completed the unification of 19 technical standards, 5 general technical standards, and more than 20 technological improvements. Meanwhile, he also implemented 5 key research projects and 4 thematic research projects, breaking through the bottleneck of engineering construction with scientific and technological innovation, saving more than 90 million yuan in engineering investment, which also provides valuable theoretical and practical reference for environmental vibration and noise control in Shanghai and the national rail transit industry.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

任宇航 / Ren Yuhang

北京市基础设施投资有限公司副总经理

Deputy general manager of Beijing Infrastructure Investment Co., Ltd.



任宇航先生，博士，正高级经济师，联合国 PPP 中心核心专家组成员和世界银行轨道交通项目评审专家，财政部、发改委 PPP 专家库专家，中国城市轨道交通协会学术委员，中国国际咨询公司学术委员会专家库专家，北京大学 PPP 联盟专家委员会专家。现任北京市基础设施投资有限公司副总经理、董事会秘书。

任宇航先生在科研、企业管理创新领域也颇有建树。参与的“北京轨道交通网络建设关键技术研究及应用”获得北京市人民政府北京市科学技术奖二等奖，公开发表学术论文 30 余篇。其参与的“城市轨道交通企业授权经营模式创新与实践”、“城市轨道交通企业境外融资创新与实践”、“复合型公私合营（PPP）方案在北京轨道交通领域的创新与实践——以地铁 6 号线为例”等多项企业管理现代化创新成果获得北京市管理现代化创新成果奖一等奖。

Mr. Ren Yuhang, Ph.D., Senior Economist, Senior Professional Title, core expert of the United Nations PPP Center and expert reviewer of the World Bank rail transit project, expert of the PPP expert pool of the Ministry of Finance and the National Development and Reform Commission, academic committee member of the China Urban Rail Transit Association, expert of the academic committee of China International Consulting Company, expert committee member of the Beijing PPP Alliance. He is currently the deputy general manager and secretary of the board of directors of Beijing Infrastructure Investment Co., Ltd. Mr. Ren Yuhang has also made significant contributions in the fields of scientific research and enterprise management innovation. His participation in "Research on Key Technologies for Building Beijing Rail Transit Network and Their Application" won the Beijing Science and Technology Award of the Beijing Municipal Government in the second category. He has published more than 30 academic papers. His participation in "Innovation and Practice of Authorized Operation Model in Urban Rail Transit Enterprises", "Innovation and Practice of Overseas Financing in Urban Rail Transit Enterprises", and "Innovation and Practice of Composite Public-Private Partnership (PPP) Scheme in Beijing Rail Transit Field- Take Subway Line 6 as an Example" have won the Beijing Management Modernization Innovation Achievement Award in the first category.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王国钰 / Wang Guoyu

华为技术有限公司

交通智慧化军团副总裁

Vice president, Smart Transportation BU of Huawei Technologies Company Ltd.



王国钰，现任华为交通智慧化军团副总裁，历任机场与轨道军团 COO、全球交通业务部总裁、交通解决方案部总经理、南美南企业业务解决方案部总经理、巴西企业业务解决方案部总经理，拥有近 20 年的交通行业信息化研究、解决方案规划设计经验，参与深圳地铁、深圳机场、新加坡地铁、迪拜机场、香港地铁、香港机场、法国铁路、墨西哥城地铁等交通行业数字化转型项目实战，对交通行业的商业模式、运营模式、ICT 技术演进有深入洞察和独到见解。参与《交通强国建设纲要》、《国家综合立体交通网规划纲要》内容评审，现担任多个行业的学术专家：智慧民航咨询委员会专家、上海地铁咨询委员会专家、民航“四型机场”专家、土木工程学会轨道交通青年专家委员、中国铁道学会高速铁路委员会委员。主编《大交通时代：行业数字化转型之道》一书，主编首个智慧民航行标《机场数据基础设施指南》。

Vice President of Smart Transportation BU, has served as President of the Global Transportation Business Dept, GM of the Brazil Enterprise Business Dept, and GM of the South America Enterprise Business Dept. With nearly 20 years of experience in transportation industry informatization research, Get deeply involved in the digitalization of transportation customers such as Dubai International Airport, Metro Mexico ,Shenzhen Metro ,Hong Kong Airport, Singapore Metro,Have a deep understanding and unique insight into the business model and ICT technology development trend of the transportation industry.

Participated in the content review of the "Outline of Building a powerful Transportation Country" and the "Outline of National Comprehensive Transportation Planning ", and now serves as an academic expert in many industries: expert of Smart Civil Aviation Advisory Committee, expert of Shanghai Metro Advisory Committee, expert of Civil Aviation "intelligent airports",expert of Civil Engineering Society of Rail Transit, expert of China High-speed Railway Committee.And he is the Editor-in-chief of the book "The Age of Comprehensive Transportation: the Way of Digital Transformation."And he is the Editor-in-chief of the first intelligent aviation industry standard "Intelligent Airport Data Infrastructure Guide".

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

宁文泽 / Ning Wenze

中国中车股份有限公司总裁助理

President Assistant, CRRC Corporation Limited



山西运城人，1974年10月出生，硕士研究生学历，高级工程师。1993年11月加入中国共产党。1995年7月参加工作，现任中国中车股份有限公司总裁助理。1995年7月-2018年8月，历任中车永济电机有限公司市场营销部部长、副总经理、董事、总经理、党委副书记。2018年8月-2020年4月，历任中车株洲电机有限公司董事、总经理、党委副书记。2020年4月至今任中国中车股份有限公司总裁助理。

Born in Yuncheng, Shanxi, Master's Degree and a senior engineer. Joined the CPC in November 1993. Started working in July 1995 and currently serves as the Assistant to the President of CRRC Corporation Limited. From July 1995 to August 2018, served as the Head of Marketing Department, Deputy General Manager, Director, General Manager, and Deputy Secretary of CPC of CRRC Yongji Electric Co., Ltd. From August 2018 to April 2020, served as Director, General Manager, and Deputy Secretary of CPC of CRRC Zhuzhou Electric Co., Ltd. Since April 2020, has been serving as the Assistant to the President of CRRC Corporation Limited.

培育新质生产力 赋能城轨高质量可持续发展

Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

主论坛（第二阶段） 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

论坛架构 / FORUM STRUCTURE

论坛时间：2024 年 6 月 13 日 14:00-18:30

论坛地点：南京国际博览会议中心 1 层 中华厅

主办单位：中国城市轨道交通协会

承办单位：中国城市轨道交通协会专家和学术委员会

国际公共交通联合会（UITP）

中国城市轨道交通协会传媒会展中心

北京中轨道交通研究院有限公司

北京中城轨会展有限公司

Time: June 13, 2024 14:00-18:30

Place: China Hall, 1st floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Experts & Academic Committees

Union Internationale des Transports Publics (UITP)

China Association of Metros Media Exhibition Center

Beijing China Rail Transit Research Institute Co., Ltd.

Beijing Sino Urban Railway Expo Co., Ltd.



论坛议程 / FORUM AGENDA

| | | | |
|-------------|------------------------------|------------|-------------------------------------|
| 主持人 | 国际论坛双语专业主持 | | |
| 一、领导致辞 | | | |
| 时 间 | 致辞主题 | 致辞人 | 单位及职务 |
| 14:00-14:10 | 协会领导致辞 | 仲建华 | 中国城市轨道交通协会副会长 |
| 14:10-14:15 | 全球公共交通范围 | 塞巴斯蒂安·德斯梅特 | 公共交通国际联合会（UITP） 会员主管 |
| 二、主旨演讲 | | | |
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 14:15-14:45 | 轨道桥梁的设计哲学和美学 | 邓文中 | 中国工程院外籍院士 美国国家工程院院士 |
| 14:45-15:15 | 新型网络研究及轨道交通领域应用 | 张宏科 | 中国工程院院士 北京交通大学博士生导师、教授 |
| 三、主题演讲、标准发布 | | | |
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 15:15-15:35 | 城市更新视角下日本东京的枢纽车站周边综合开发 | 磯野伸司 | 日本太平洋咨询设计株式会社 执行董事 / 社长室特命担当 |
| 15:35-15:55 | 可持续的轨道资产管理：新加坡城市轨道交通网更新与改造经验 | 谢俊宝 | 新加坡陆路交通管理局陆交局机电与系统 总署长、MSI 上海董事 |
| 15:55-16:15 | 胡志明市城市铁路总体规划及 2035 年发展战略 | 黄玉俊 | 越南胡志明城铁管理委员会 筹备和投资部主任 |
| 16:15-16:35 | 新常态下的地铁发展趋势：基准比较视角 | 亚历山大·巴伦 | 英国伦敦帝国理工学院交通战略中心 副总监 / 地铁标杆管理负责人 |
| 16:35-16:55 | 通过基于物联网（IoT）的智能轨道设施维护管理提高安全性 | 郑理泽 | 韩国首尔交通公社轨道处处长 |

论坛议程 / FORUM AGENDA

| 三、主题演讲、标准发布 | | | |
|-------------|--|-----|------------------------------|
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 16:55-17:05 | 《Classification of urban rail transit》（T/CAMET 00001—2020《城市轨道交通分类》）发布 | 王雁平 | 中国城市轨道交通协会副秘书长 |
| 17:05-17:15 | 中国城市轨道交通协会与公共交通国际联合会 (UITP) 战略备忘录签字仪式 | 仲建华 | 中国城市轨道交通协会副会长 |
| 17:15-17:30 | 伦敦伊丽莎白线的运营挑战 | 任百年 | 香港铁路有限公司 总经理—业务拓展 |
| 17:30-17:45 | 台湾城市捷运线路客流与运营效益分析 | 颜邦杰 | 台中捷运公司董事长 |
| 17:45-18:00 | 领先的数字基础设施，加速城轨数智化进程 | 向 曦 | 华为技术有限公司 交通智慧化军团海外轨道拓展部总监 |
| 18:00-18:15 | 中低运量系统全球创新实践 | 王葆晟 | 中车浦镇阿尔斯通运输系统有限公司 市场总监 |

论坛议程 / FORUM AGENDA

| | |
|------|---|
| Host | Bilingual professional host of international forums |
|------|---|

1. LEADERS' SPEECHES

| TIME | TOPICS OF SPEECHES | SPEAKERS | UNIT&POSITION |
|-------------|-------------------------------|------------------|--|
| 14:00-14:10 | Speech by association leader | Zhong Jianhua | Vice Presidents of China Association of Metros |
| 14:10-14:15 | Global Public Transport Scope | Sebastien Desmet | Head of Membership of International Association of Public Transport (UITP) |

2. KEYNOTE SPEECHES

| TIME | SPEECH TOPIC | Speakers | UNIT&POSITION |
|-------------|---|---------------|---|
| 14:15-14:45 | The Design Philosophy and Aesthetics of Orbital Bridges | Deng Wenzhong | Foreign Academician of Chinese Academy of Engineering Academician of National Academy of Engineering (USA) |
| 14:45-15:15 | Application of New Network Technology in Rail Transit Field | Zhang Hongke | Academician of the Chinese Academy of Engineering |

3. KEYNOTE SPEECHES AND STANDARD RELEASE

| TIME | SPEECH TOPIC | SPEAKERS | UNIT&POSITION |
|-------------|--|------------------|--|
| 15:15-15:35 | Urban Renewal in Tokyo, Development around large terminal stations | Isono Sinji | Executive Officer/ Office of the President of PACIFIC CONSULTANTS CO.,LTD. |
| 15:35-15:55 | Sustainable Rail Asset Management: Experience of Renewal and Transformation of Urban Rail Transit Network in Singapore | Xie Junbao | Director-general of Metro Electromechanical Systems of Land Transport Authority (LTA), director of MSI Shanghai, senior leading expert |
| 15:55-16:15 | HCM City urban railway Master plan and Development strategy until 2035 | Hoang Ngoc Tuan | Director of Preparation and Investment Unit of Management Authority for Urban Railway |
| 16:15-16:35 | Metro development trend in a "new normal": a benchmarking perspective | Alexander Barron | Associate Director/Head of Metro Benchmarking of Transport Strategy Centre (TSC) - Imperial College London |
| 16:35-16:55 | Improving safety through IoT-based smart urban railway track maintenance | Ritaek Jeong | Director of Track Engineering Dept.of Seoul Metro |

论坛议程 / FORUM AGENDA

| 3. KEYNOTE SPEECHES AND STANDARD RELEASE | | | |
|--|---|---------------|--|
| TIME | SPEECH TOPIC | SPEAKERS | UNIT&POSITION |
| 16:55-17:05 | 《Classification of urban rail transit》（T/CAMET 00001—2020 | Wang Yanping | Chairman of the Board of Supervisors and deputy secretary-general of China Association of Metros |
| 17:05-17:15 | Signing Ceremony of Strategic Memorandum between China Association of Metros and Union Internationale des Transports Publics (UITP) | Zhong Jianhua | Vice president of China Association of Metros |
| 17:15-17:35 | Operation Challenges of the London Elizabeth line | David Yam | General Manager – Business Development of MTR Corporation Limited |
| 17:35-17:55 | Analysis on Passenger Flow and Operating Benefit of Urban Rapid Transit Line in Taiwan | Yan Bangjie | Chairman of Taichung Mass Rapid Transit |
| 17:55-18:15 | Accelerate digitalization & intelligent of rail industry | Xiang Xi | Director of Overseas Railway Development Dept of Smart Transportation BU, Huawei |
| 18:15-18:30 | Global Innovations and Best Practices of Medium/Low Capacity System from PATS | Wang Baosheng | Director of MKT & Sales of CRRC Puzhen Alstom Transportation System Co., Ltd. |

主论坛（第二阶段）
国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

邓文中 / Deng Wenzhong

美国国家工程院院士

中国工程院外籍院士

Academician of National Academy of Engineering (USA)

Foreign Academician of Chinese Academy of Engineering



邓文中，林同棧国际工程咨询（中国）有限公司董事长；工学博士、名誉工学博士、名誉文学博士、名誉建筑师、注册工程师。美国国家工程院院士、中国工程院外籍院士、英国爱丁堡皇家学会外籍院士；美国土木工程师学会荣誉会员。中国十余所大学的名誉教授。1999 年，邓文中被美国工程新闻周刊 (Engineering News Record) 评选为过去 125 年里，全世界对工程建设界最具影响力的 125 位工程师之一。2007 年获重庆市人民政府授予“重庆市荣誉市民”。2008 年获中国政府颁发“国家友谊奖”。

Chairman of LYLIN International Engineering Consulting (China) Co., Ltd.; Doctor of Engineering, Honorary Doctor of Engineering, Honorary Doctor of Literature, Honorary Architect, Registered Engineer; Academician National Academy of Engineering (USA), foreign academician of Chinese Academy of Engineering, foreign academician of the Royal Society of Edinburgh; honorary member of the American Society of Civil Engineers. Honorary professor of more than ten universities in China. In 1999, Deng Wenzhong was selected by the US Engineering News Record as one of the 125 most influential engineers in the world's engineering construction industry in the past 125 years. In 2007, he was awarded Honorary Citizen of Chongqing by the Chongqing Municipal People's Government. In 2008, he was awarded the National Friendship Award by the Chinese government.

主论坛（第二阶段） 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张宏科 / Zhang Hongke

中国工程院院士

北京交通大学博士生导师、教授

Academician of the Chinese Academy of Engineering

Doctoral tutor and professor at Beijing Jiaotong University



张宏科，中国工程院院士，现任北京交通大学电子信息工程学院教授、博导、移动专用网络国家工程研究中心主任，IEEE Fellow，曾任两期国家 973 计划首席科学家；长期从事网络与通信理论与工程技术研究，为解决国家和行业专网工程急需做出重要贡献；获国家技术发明奖和全国创新争先奖，享受国务院政府特殊津贴，是首批全国高校黄大年式教师团队带头人。

Zhang Hongke, an academician of the Chinese Academy of Engineering, is currently a professor and doctoral supervisor at the School of Electronic and Information Engineering, Beijing Jiaotong University, and the director of the National Engineering Research Center for Mobile Special Networks. He is also an IEEE Fellow and has served as the chief scientist for two rounds of the National Key Basic Research Program of China. He has been engaged in research and development of network and communication theory and engineering technology for a long time and has made important contributions to solving the urgent needs of national and industry special network engineering. He has won the National Technological Invention Award and the National Innovation and Entrepreneurship Award for Outstanding Contributions and enjoys a special government allowance from the State Council. He is one of the first national-level exemplary teachers' teams led by Huang Dayan.

主论坛（第二阶段） 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

仲建华 / Zhong Jianhua

中国城市轨道交通协会副会长

Vice president China Association of Metros



仲建华, 正高级工程师 历任重庆市科协副主席, 重庆市轨道交通设计研究院董事长, 重庆市轨道交通(集团)有限公司总工程师、总经理、董事长。现任中国城市轨道交通协会副会长兼任专家学术委员会执行副主任, 《中国大百科全书》城市轨道交通工程学科主编, 北京交通大学兼职教授。

主持并参与国家部委及省部级项目 30 余项, 获得国家级、省部级科技进步奖等奖励 20 余项; 主编国家标准、行业标准、地方标准及团体标准 20 余部; 荣获全国劳动模范、国务院特殊津贴专家、全国建设系统劳动模范、中国地铁 50 年致敬人物、重庆市富民兴渝贡献奖、重庆市杰出专业技术人才、重庆市设计大师等多项荣誉称号。

Senior engineer, successively served as the vice chairman of Chongqing Association for Science and Technology, chairman of Chongqing Rail Transit Design and Research Institute, the chief engineer, general manager and chairman of Chongqing Rail Transit (Group) Co., Ltd. Currently the vice president and deputy executive director of the Experts and Academic Committee of China Association of Metros, the editor-in-chief of the urban rail transit engineering discipline of Encyclopedia of China Publishing House, and a part-time professor of Beijing Jiaotong University.

Presided over and participated in more than 30 national ministries and provincial and ministerial projects, and won more than 20 national, provincial and ministerial science and technology progress awards; Editor-in-chief of more than 20 national standards, industry standards, local standards and group standards; Won many honorary titles such as National Model Worker, State Council Special Allowance Expert, National Construction System Model Worker, 50 Years China Metro Figure, Chongqing Contribution Award for Enriching the People and Prospering Chongqing, Chongqing Outstanding Professional and Technical Talent, and Chongqing Design Master, etc.

主论坛（第二阶段） 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

塞巴斯蒂安·德斯梅特 / Sebastien Desmet

公共交通国际联合会（UITP）会员主管

Head of Membership of International Association of Public Transport (UITP)



塞巴斯蒂安是 UITP 会员负责人，负责协会会员的招聘、发展、保留和经验。塞巴斯蒂安在比利时布鲁塞尔的 UITP 总部管理会员团队，领导整个 UITP 范围内的所有会员活动，包括所有 16 个地区办事处。UITP 在 100 多个国家拥有 1900 多名成员，涵盖所有模式、网络、运营商、当局、教育机构以及对可持续城市流动性有既得利益的所有利益相关者。

塞巴斯蒂安是一位经验丰富的商业发展主管，有着在企业、非营利和初创企业环境中工作的丰富历史。他擅长企业和危机沟通、业务发展和保留，并拥有著名的创意技能，他监督了 UITP 内部强大的会员发展，使该协会的会员人数创下了 135 年历史上的新纪录。

塞巴斯蒂安热衷于为 UITP 会员体验量身定制更个性化的方法，以其强大的人际交往能力和平易近人的天性而闻名。他毕业于根特大学，拥有商业和企业传播科学硕士学位，并拥有高管辅导与领导力研究所（IECL）的认证组织教练（二级）资格。

Sébastien Desmet is Head of Membership for UITP, responsible for the recruitment, development, retention, and experience of the association's members. Managing the membership team at UITP Headquarters in Brussels, Belgium, Sébastien is the lead for all membership activity across the entire UITP spectrum, including all 16 regional offices. UITP has more than 1900 members in over 100 countries, covering all modes, networks, operators, authorities, educational institutions, and all stakeholders with a vested interest in sustainable urban mobility.

Sébastien is an experienced Head of Commercial Development with a demonstrated history of working in corporate, non-profit, and start-up environments. Skilled in corporate and crisis communications, business development and retention, with renowned creative skills, Sébastien has overseen strong membership development within UITP, taking the association's membership figures to new records in its 135-year history.

A passionate believer in a more personally tailored approach to the UITP membership experience, Sébastien is known for his strong people skills and approachable nature.

With a career history in Europe and Australia, Sebastien is a graduate of Ghent University with a Master of Sciences in Business and Corporate Communications, and Certified Organisational Coach (Level Two) qualification from the Institute of Executive Coaching and Leadership (IECL).

主论坛（第二阶段） 国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王雁平 / Wang Yanping

中国城市轨道交通协会副秘书长

Deputy secretary-general of China Association of Metros



王雁平，历任：中国铁路机车车辆工业总公司规划发展部副经理，高级经济师；中国北车集团公司规划发展部部长；中国北车股份公司副总经济师，兼规划发展部长，教授级高工；中国北车股份公司总裁助理，兼城轨事业部总经理；中国中车股份公司总裁助理，兼城轨事业部总经理。

Previously served as: Deputy manager of Planning and Development Department of China National Railway Stock Industry General Co., Ltd. senior economist; Director of Planning and Development Department of China CNR Corporation Limited; Deputy chief economist, manager of Planning and Development Department of China CNR Corporation Limited, professor-level senior engineer; Assistant to the president and general manager of the Urban Rail Business Department of China CNR Corporation Limited; Assistant to the president and general manager of the Urban Rail Business Department of CRRC Corporation Limited.

磯野伸司 / Isono Sinji

太平洋咨询设计株式会社执行董事 / 社长室特命担当

Executive director/representative of president of Pacific Consults Co., Ltd.



磯野伸司，早稻田大学 建筑专业毕业。早年在黑川纪章建筑都市设计事务所师从黑川纪章大师，参与了大阪府市政大楼，奈良站前开发（TOD）等建筑设计、城市设计项目，致力于建筑和城市的融合。为了不局限于建筑，从更多专业、更多视角参与城市设计和建设，后期转职到太平洋咨询设计株式会社（PCKK）。在 PCKK 公司，担任了轨道站场、TOD、大型足球场、大学校园、配餐中心等的设计，以及城市总体规划等诸多项目。主导了 2020 东京奥运会的申奥规划编制、竞技场馆整体规划、标准制定、场馆设计等；主导了 2026 爱知亚运会总体规划，2030 札幌冬季奥运会申奥规划编制。

In Architecture from Waseda University. In his early years, he studied under Master Kisho Kurokawa at Kisho Kurokawa Architect & Associates and Urban Design Firm, and participated in architectural design and urban design projects such as Osaka Prefecture Municipal Building and Nara Station Front Development (TOD), and is committed to the integration of architecture and city. In order not to be limited to architecture, and to participate in urban design and construction from more majors and perspectives, he later transferred to Pacific Consults Co., Ltd. (PCKK), and designed many projects, such as rail stations, TOD, large football fields, university campuses, catering centers, and urban master planning. Led the preparation of the bid planning, the overall planning of competitive venues, the formulation of standards, and the design of venues for the 2020 Tokyo Olympic Games; Led the overall planning of the 20th Asian Games Aichi- Nagoya 2026 and the preparation of the bidding plan for the 2030 Sapporo Winter Olympics.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

谢俊宝 / Xie Junbao

新加坡陆路交通管理局机电与系统总署长、MSI 上海董

*Director-general of Metro Electromechanical Systems of Land Transport Authority (LTA),
director of MSI Shanghai, senior leading expert*



谢俊宝。多年丰富的轨道交通系统专业业主经验，负责轨道项目管理、资产管理、技术支持、合同管理方面职责。

对机车车辆机械设计有深入工作经验与了解，特别是车体结构、空调、制动系统和供气系统。负责监督了各种列车系统在各
国建造，负责车辆控制系统从有人操作系统到全自动无人驾驶系统性能要求与标准。此外，对参与并负责改造优化和增强机
车车辆部件，为现役列车安全运营做出贡献。

Has many years of experience as a professional owner of rail transit systems, and is responsible for rail project management, asset
management, technical support, and contract management.

Has rich working experience and in-depth understanding of locomotive and rolling stock mechanical design, especially train body
structure, air conditioning, braking system and air supply system. Responsible for supervising the construction of various train systems in
various countries, and the performance requirements and standards of vehicle control systems from manned operating systems to fully
automatic unmanned systems. In addition, participated in and was responsible for the transformation, optimization and enhancement of
rolling stock components, and contributed a lot to the safe operation of active trains.

国际学术论坛：创新与发展

*Main Forum (The second stage)- International Academic Forum - Innovation and
Development*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黄玉俊 / Hoang Ngoc Tuan

越南胡志明地铁管理委员会
筹备和投资部主任

Director of Preparation and Investment Unit of Management Authority for Urban Railway



黄玉俊，越南胡志明地铁管理委员会是胡志明市的一个政府单位，直接在胡志明市人民委员会主席的领导下工作，负责胡志明市铁路网的实施和发展。

教育经历：机械工程理学硕士学位 2007 级学士；1990 年毕业于河内交通大学。

工作经历：越南铁路联盟运输 3 号机车车辆部专家；西贡铁路运输公司国际合作与市场发展部经理；越南铁路公司西贡客车企业副经理；地铁 2 号线项目部副主任；城市铁路管理局筹建投资处副处长；城市铁路管理局技术采购处代理处长；城市铁路管理局筹建投资处处长

The Management Authority for Urban Railways (MAUR) is a Ho Chi Minh City 's Government Unit, working directly under the leadership of the Chairman of Ho Chi Minh City People Committee, which has the responsibility for implementation and development of railway networks in Ho Chi Minh City .

EDUCATION:

- The Degree of Master of Science in Mechanical Engineering Bachelor in 2007
- Graduated from Hanoi University of Communication and Transport in 1990

WORK EXPERIENCE:

- Expert at the Rolling Stock Department , Vietnam Railway Union Transport No.3
- Manager of Int. Co-operation and Market Development Dept, Saigon Railway Transport Company
- Deputy Manager of Saigon Coach Enterprise, Vietnam Railways
- Deputy Director of Project Management Unit Metro line No.2
- Deputy Director of Preparation Investment Unit, Management Authority For Urban Railways.
- Acting Head of Technical Procurement Division, Management Authority For Urban Railways.
- Director of Preparation Investment Unit, Management Authority For Urban Railways.

国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

亚历山大·巴伦 / Alexander Barron

英国伦敦帝国理工学院交通战略中心副总监 / 地铁标杆管理负责人

*Associate Director/Head of Metro Benchmarking of
Transport Strategy Centre (TSC) - Imperial College London*



亚历山大·巴伦是伦敦帝国理工学院土木与环境工程系交通工程与建模中心交通战略中心 (TSC) 的副总经理。他是地铁和轻轨对标主管，负责监督国际地铁协会 (COMET)，这是 TSC 成立最早、规模最大的对标小组，目前由全球 41 个城市的 45 个地铁系统组成，以及北美轻轨系统对标小组 (GOAL)，由美国和加拿大的 16 个轻轨系统组成，以及国际轻轨和有轨电车对标小组 (BOLTS)。

在帝国理工学院任职期间，Alex 于 2010 年共同创立了国际城郊铁路对标小组 (ISBeRG)，于 2011 年共同创立了美国公交对标小组 (ABBG)，并于 2016 年共同创立了 GOAL，于 2022 年共同创立了 BOLTS。他之前曾担任 ISBeRG 的项目经理（2012 年）和 ABBG 的项目经理（从 2011 年成立到 2016 年）。他的主要研究领域包括公共交通规划、运营和管理。

Alex 的背景是交通规划，拥有美国新泽西州立大学罗格斯大学布劳斯坦规划与公共政策学院交通规划专业城市 and 区域规划硕士学位和交通研究研究生证书。他在那里获得了杰出学生学术成就奖。随后，他在纽约市立大学约翰杰伊学院讲授“交通管理者的规划和预算制定”。

亚历克斯还曾在纽约地铁和公交运营商 MTA 纽约市交通局工作三年多，专注于战略运营规划和服务规划，拥有现实世界的公共交通经验和对该行业的深入了解。

Alex Barron is an Associate Director of the Transport Strategy Centre (TSC) at the Centre for Transport Engineering and Modelling within the Department of Civil and Environmental Engineering at Imperial College London. He is the Head of Metro and Light Rail Benchmarking, overseeing the Community of Metros (COMET), the TSC's oldest and largest benchmarking group now consisting of 45 metro systems in 41 cities across the world, as well as the Benchmarking Group of North American Light Rail Systems (GOAL), consisting of 16 light rail systems across the United States and Canada and the International Light Rail and Tram Benchmarking Group (BOLTS).

In his time at Imperial College, Alex has co-founded the International Suburban Rail Benchmarking Group (ISBeRG) in 2010, the American Bus Benchmarking Group (ABBG) in 2011, as well as GOAL in 2016 and BOLTS in 2022. He previously served as project manager for ISBeRG in 2012 and ABBG from its inception in 2011 until 2016. His key areas of research include public transport planning, operations, and management.

Alex's background is in transportation planning, with a Master of City and Regional Planning concentrating in Transportation Planning and a Graduate Certificate in Transportation Studies from the Bloustein School of Planning and Public Policy at Rutgers, The State University of New Jersey (USA). There he received the Outstanding Student Academic Achievement Award. He subsequently lectured in "Planning and Budget Development for Transit Managers" at John Jay College of the City University of New York.

Alex also has real-world public transport experience and a strong knowledge of the industry after spending more than three years working at MTA New York City Transit, the metro and bus operator in New York, with a focus on strategic operations planning and service planning.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

郑理泽 / Ritaek Jeong

韩国首尔交通公社轨道处处长

Director of Track Engineering Dept of Seoul Metro



郑理泽，这位主讲人自 1996 年以来一直在首尔交通公社工作，该公司自 1996 年起在韩国运营首尔地铁，目前是轨道部门的主管，该部门管理着首尔地铁 1 号线至 8 号线约 600 公里的轨道。他一直对轨道技术的研发非常感兴趣，是目前韩国城市轨道交通方面的最佳专家，发表过与轨道技术相关的研究论文，并获得过许多奖项。

This keynote speaker has been working at Seoul Metro, which operates the Seoul subway in Korea since 1996, and is currently the director of the track department, which manages approximately 600km of track for Seoul subway lines 1 to 8. He has always been very interested in the research and development of track technology, and is currently the best expert on urban railway track in Korea, having published research papers and received many awards related to track technology.

国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

任百年 / David Yam

中国香港铁路有限公司总经理—业务拓展

General Manager – Business Development of MTR Corporation Limited



任百年先生的职业生涯始于铁路规划师。他在铁路规划和运营效率、项目管理和商业方面经验丰富。任先生曾经参与泰国、韩国、澳门和印度多个铁路项目的可行性研究。自 2008 年以后，他一直负责香港铁路有限公司 (MTRCL) 在东南亚、澳大利亚、印度和中东的业务发展活动。他被任命为多家合资企业的法人代表，负责监督 MTRCL 在海外投资项目的执行。他也是港铁公司一些子公司的董事。

Mr. David Yam started his career in railway business as a planner. He is experienced in railway planning and operations efficiency, project management and commercials. Mr. Yam involved in project feasibility to multiple railway projects in Thailand, South Korea, Macau and India. Since 2008 he has been responsible for the business development activities of MTR Corporation Ltd (MTRCL) for SE Asia, Australia, India and Middle East. He has been appointed as corporate representative in several joint ventures overseeing the execution of MTRCL investment projects overseas. He is also a director of some of the subsidiaries of the Company.

国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

颜邦杰 / Yan Bangjie

台中捷运公司董事长

Chairman of Taichung Mass Rapid Transit



· 经历：捷邦管理顾问公司董事长、总经理、资深高级顾问；－台北捷运公司代董事长、总经理、副总经理；高雄捷运公司总经理；台湾高铁公司副总经理、资深顾问；现任台中捷运公司董事长。

· 专长：轨道运输经营管理。

· 参与重点计画：台北捷运成立之规划、设计、施工、测试及营运；成立台北悠游卡公司，推动多卡通政策；成立捷邦管理顾问公司，提供海内外轨道公司咨询服务；首创设立台北捷运重置基金；推动捷运文化，提升优质服务内涵；形塑并致力轨道运输之企业社会责任为职志。

· Experience: Chairman, general manager and senior consultant of J-BUND CONSULTING; Acting chairman, general manager and deputy general manager of Taipei Mass Rapid Transit; General manager of Kaohsiung Mass Rapid Transit; Deputy general manager and senior consultant of Taiwan High Speed Rail Corporation; Currently the chairman of Taichung Mass Rapid Transit.

· Fields: Operation and management of rail transportation.

· Participate in key projects: Planning, design, construction, testing and operation of in the establishment of Taipei Mass Rapid Transit; Established Taipei Youyou Card Company to promote multi-card policy; Established J-BUND CONSULTING to provide consulting services for rail companies at home and abroad; Firstly established Taipei Mass Rapid Transit Reset Fund; Promoted Mass Rapid Transit culture and improved the content of high-quality service; Committed to perform corporate social responsibility as a rail transportation enterprise.

国际学术论坛：创新与发展

Main Forum (The second stage)- International Academic Forum - Innovation and Development

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

向曦 / Xiang Xi

华为技术有限公司交通智慧化军团海外轨道拓展部总监

Director of Overseas Railway Development Dept of Smart Transportation BU, Huawei



向曦，1999 年加入华为公司，25 年来致力于 ICT 方案在电信、交通等行业的推广，加速数智化进程，轨道领域 12 年行业经验，负责华为交通军团海外轨道市场拓展，智慧轨道方案推广和应用，轨道伙伴的全球合作，重大标杆项目的设计和实施，先后参与香港地铁、新加坡地铁、曼谷城轨、马德里地铁、阿姆斯特丹地铁、埃及单轨、开罗地铁、墨城地铁、瓜城地铁、蒙特雷地铁、圣保罗地铁等城轨客户的 ICT 方案部署和数字化转型。

Mrs. Mr. Xiang Xi Joined Huawei in 1999. Over the past 25 years, he has been committed to the promotion of ICT solutions in telecommunications, transportation and other industries, accelerating the process of digital intelligence. He has 12 years of industry experience in the rail field. He is responsible for the overseas rail market expansion of Huawei Transportation Corps and the promotion and application of smart railway solutions. Global cooperation with rail partners, design and implementation of major benchmark projects, and has participated in the Hong Kong Metro, Singapore Metro, Bangkok Urban Rail, Madrid Metro, Amsterdam Metro, Egypt Monorail, Cairo Metro, Mexico City Metro, Guadalajara Metro, Monterrey Metro, ICT solution deployment and digital transformation for urban rail customers such as the Sao Paulo Metro.

王葆晟 / Wang Baosheng

中车浦镇阿尔斯通运输系统有限公司市场总监

Director of MKT & Sales of CRRC Puzhen Alstom Transportation System Co., Ltd.



王葆晟，2008 年 10 月加入中国共产党。2010 年毕业于南京信息工程大学商务英语专业，并于同年参加工作。2015 年 5 月入职中车浦镇阿尔斯通运输系统有限公司，历任上海浦江线项目轨旁经理，项目经理，黄粉线 / 金线项目经理，项目部高级经理，项目部副总监，项目部总监。2024 年 4 月任职中车浦镇阿尔斯通运输系统有限公司市场部总监。

Wang Baosheng, born on August 25, 1989 in Linyi, Shandong. Joined the Communist Party of China in October 2008. In 2010, he graduated from Nanjing University of Information Science & Technology majoring in business English, and started working in the same year. Joined CRRC Puzhen Alstom Transportation System Co., Ltd. in May 2015, and successively served as trackside manager and project manager of Shanghai Pujiang Line Project, project manager of the yellow and pink line/gold line, senior manager of project department, deputy director of project department, project department director of the company. In April 2024, he served as the director of the Marketing Department of CRRC Puzhen Alstom Transportation System Co., Ltd.

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

主论坛（第三阶段） 培育新质生产力，赋能城轨高质量可持续发展

Main Forum (The third stage)-Cultivate New Quality Productive Forces and Empower the High-quality and Sustainable Development of Urban Rail Transit

论坛架构 / FORUM STRUCTURE

论坛时间：2024 年 6 月 14 日 09:00-13:00

论坛地点：南京国际博览会议中心 1 层 中华厅

主办单位：中国城市轨道交通协会

承办单位：中国城市轨道交通协会专家和学术委员会

中国城市轨道交通协会传媒会展中心

北京中轨道交通研究院有限公司

北京中城轨会展有限公司

支持单位：北京恒安卫士保安服务有限公司、南京康尼机电股份有限公司、浙江众合科技股份有限公司

中兴通讯股份有限公司、中车株洲电力机车研究所有限公司、八维通科技有限公司

Time: June 14, 2024 09:00 -13:00

Place: China Hall, 1st floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Experts & Academic Committees

China Association of Metros Media Exhibition Center

Beijing China Rail Transit Research Institute Co., Ltd.

Beijing Sino Urban Railway Expo Co., Ltd.

Supported by: Beijing Hengan Security Safeguard Service Co., Ltd. Nanjing Kangni Mechanical & Electrical Co., Ltd. UniTTEC Co., Ltd.
ZTE Corporation CRRC Zhuzhou Institute Co., Ltd. BWTON Technology Co., Ltd.

论坛议程 / FORUM AGENDA

| | |
|-----|--------------------------|
| 主持人 | 于波 中国城市轨道交通协会专家和学术委员会副主任 |
|-----|--------------------------|

一、领导致辞

| 时 间 | 致辞主题 | 致辞人 | 单位及职务 |
|-------------|--------|-----|---------------|
| 09:00-09:10 | 协会领导致辞 | 仲建华 | 中国城市轨道交通协会副会长 |

二、主旨演讲、主题演讲

| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
|-------------|---------------------------------|-----|--|
| 09:10-09:40 | HOD 理念下的综合交通枢纽模式的思考 | 陈湘生 | 中国工程院院士 |
| 09:40-10:10 | 智能建造数字引擎研发及其在轨道交通工程中应用 | 刘汉龙 | 中国工程院院士 重庆大学党委常委、常务副校长 |
| 10:10-10:25 | 以运输需求为驱动的线网运营风险防控及韧性能力提升 | 蔡昌俊 | 中国城市轨道交通协会 专家和学术委员会副主任 广州地铁集团有限公司副总经理 |
| 10:25-10:40 | 《中国城市轨道交通既有有线改造指导意见》解读 | 魏 运 | 中国城市轨道交通协会专家和学术 委员会副主任 北京市地铁运营有限公司 首席专家、副总工程师 |
| 10:40-10:55 | 重庆市域铁路与城轨快线互联互通网络化运营规划与建设 | 王 猛 | 重庆市铁路（集团）有限公司 副总经理、总工程师 |
| 10:55-11:10 | 宁波轨道交通“供 - 用 - 管”综合节能绿色低碳示范项目初探 | 姚燕明 | 宁波市轨道交通集团有限公司 总工程师 |
| 11:10-11:25 | 深圳地铁高质量可持续发展探索与实践 | 于德涌 | 深圳地铁建设集团副总经理 |

论坛议程 / FORUM AGENDA

| 二、主旨演讲、主题演讲 | | | |
|-------------|--------------------------------------|-----|-------------------------------|
| 主持人 | 官波 中国城市轨道交通协会专家和学术委员会副主任 | | |
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 11:25-11:40 | 轨道交通行业关键设备智能运维实践与思考 | 张宝利 | 南京康尼机电股份有限公司 智慧技术研究所所长 |
| 11:40-12:00 | 《城市轨道交通数据资产》白皮书发布和数字孪生技术在轨道交通的创新与实践 | 郑 航 | 八维通科技有限公司首席数字官 |
| 12:00-12:15 | 绘“绿智”蓝图 创“新质”未来 -ESG 引领下的城市轨道交通高质量发展 | 刘海涛 | 中车株洲电力机车研究所有限公司 副总经理兼研究院院长 |
| 12:15-12:30 | 云网数智，助力城轨交通可持续高质量发展 | 胡雪梅 | 中兴通讯股份有限公司副总裁 |
| 12:30-12:45 | 城市轨道交通车站数字化转型探索实践 | 王锁平 | 浙江众合科技股份有限公司 营销中心总经理助理 |
| 12:45-13:00 | 能力迭代 作品焕新 轨道物业专家在新质生产力指引下的进化与创新 | 高一轩 | 京投发展股份有限公司副董事长、总裁 |
| 论坛结束 | | | |

论坛议程 / FORUM AGENDA

| | |
|------|---|
| Host | Yu Bo, deputy director of Experts & Academic Committee of China Association of Metros |
|------|---|

1. LEADERS' SPEECHES

| TIME | TOPICS OF SPEECHES | SPEAKERS | UNIT&POSITION |
|-------------|-----------------------------|---------------|--|
| 09:00-09:10 | Speech by association leade | Zhong Jianhua | Vice Presidents of China Association of Metros |

2. KEYNOTE SPEECHES AND THEME SPEECHES

| TIME | SPEECH TOPIC | Speakers | UNIT&POSITION |
|-------------|---|-----------------|---|
| 09:10-09:40 | Thoughts on Integrated Transportation Hub Model Based on HOD Concept | Chen Xiangsheng | Academician of the Chinese Academy of Engineering President of Shenzhen University |
| 09:40-10:10 | Research and Development of Intelligent Construction Digital Engine and Its Application in Rail Transit Engineerin | Liu Hanlong | Academician of the Chinese Academy of Engineering Executive vice president of Chongqing University |
| 10:10-10:25 | Risk prevention and resilience enhancement in network operation driven by transportation demand | Cai Changjun | Deputy director of Experts & Academic Committee of China Association of Metros Deputy general manager of Guangzhou Metro Group Co. Ltd. |
| 10:25-10:40 | Interpretation of Guiding Opinions on Urban Rail Transit Line Renovation in China | Wei Yun | Deputy director of the Expert Academic Committee of China Association of Metros Beijing Mass Transit Railway Operation Corp. Ltd. Chief Expert, Assistant Chief |
| 10:40-10:55 | Network Planning and Interconnection Operation Mode of Suburban Railway and Urban Rail Express Line in Chongqing | Wang Meng | Deputy general manager and chief engineer of Chongqing Railway (Group) |
| 10:55-11:10 | Preliminary Study on Ningbo Rail Transit "Supply-Use-Management" Comprehensive Energy-saving Green and Low-carbon Demonstration Project | Yao Yanming | Chief engineer of Ningbo Rail Transit Group Co., Ltd. |
| 11:10-11:25 | Exploration and Practice of High Quality and Sustainable Development of Shenzhen Metro | Yu Deyong | Deputy general manager of Shenzhen Metro Construction Group Co., Ltd. |

论坛议程 / FORUM AGENDA

| Host | Guan Bo, Deputy director of Experts & Academic Committee of China Association of Metros | | |
|--|---|--------------|--|
| 2. KEYNOTE SPEECHES AND THEME SPEECHES | | | |
| TIME | SPEECH TOPIC | Speakers | UNIT&POSITION |
| 11:25-11:40 | Practice and Reflection on Intelligent Operation and Maintenance of Key Equipment in the Rail Transit Industry | Zhang Baoli | Director of the Institute of Intelligent Technology of NANJING KANGNI MECHANICAL &ELECTRICAL CO., LTD. |
| 11:40-12:00 | Release of the white paper "Urban Rail Transit Data Assets" and the innovation and practice of digital twin technology in rail transit | Zheng Hang | Chief digital officer of BWTON Techonology Co., Ltd. |
| 12:00-12:15 | Drawing the Blueprint for "Green Intelligence" and Creating a "New Quality" Future-High-Quality Development of Urban Rail Transit under the Leadership of ESG | Liu Haitao | Deputy general manager and president of research institute of CRRC Zhuzhou Institute Co., Ltd. |
| 12:15-12:30 | Cloud-Network-Data-Intelligence Intergration Empowering sustainable and high-quality development of Metro Transit | Hu Xuemei | Vice president of ZTE Corporation |
| 12:30-12:45 | Exploration and Practice of Digital Transformation of Urban Rail Transit Stations | Wang Suoping | General manager assistant of Marketing Center of UniTTEC Co., Ltd. |
| 12:45-13:00 | Enhance Strength and Update Works-Evolution and Innovation of Rail Property Experts Guided by New Quality Productivity | Gao Yixuan | Vice chairman and CEO of Metro Land Corporate Ltd. |
| Closing of the Forum | | | |

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

陈湘生 / Chen Xiangsheng

中国工程院院士

Academician of the Chinese Academy of Engineering



陈湘生，隧道与地下工程专家。先后就读或访学于淮南矿院（现安徽理工大学）、清华大学、柏林工业大学、剑桥大学。现任深圳地铁集团有限公司总工程师兼技术委员会主任（党委委员）；曾任煤炭科学研究总院副总工程师和北京建井研究所所长、深圳市地铁集团有限公司副总经理、中国制冷学会常务理事等。长期从事地下工程控制地层变形技术的研发工作。建立了人工冻土物理力学基本体系；构建了深井冻结壁和冻结管变形极限双控的时空设计理论体系和公式，解决了防控冻结管断裂淹水难题；研制了首套离心机土壤冻 - 融循环模拟装置并提出了抑制冻 - 融的实用技术；研发了水平冻结技术，为地下工程中防控突水涌砂提供了金钥匙。创建了地铁隧道下穿建筑物的“掘 - 测 - 智 - 控”群泵注浆矫正建筑物的控制变形技术；带领研发了跨地铁运营隧道的地下空间施工“加固 - 跳挖 - 反压 - 隔离 - 精测”的控制地层变形组合技术，将运营隧道规范控制限值降到 3 米以内，释放了地铁安保区原来无法利用的大量土地资源。获国家科技进步奖 3 次。出版专著 8 部、国内外正式刊出论文 90 余篇。2017 年当选中国工程院院士。

Chen Xiangsheng, an expert in tunnel and underground engineering. He has studied or visited various institutions, including Huainan Mining Institute (now Anhui University of Science and Technology), Tsinghua University, Berlin Technical University, and the University of Cambridge. He is currently the chief engineer and head of the technical committee (a member of the Party committee) at Shenzhen Metro Group; he has also served as the deputy general manager of Shenzhen Metro Group, the vice president of the China Refrigeration Society, and other positions. Chen has been engaged in research and development of technologies for controlling ground subsidence in underground engineering for a long time. He established the basic physical and mechanical framework of artificial frozen soil; he also developed a theoretical and mathematical framework and formula for the dual control of deep shaft frozen wall and frozen pipe deformation, which solved the problem of preventing frozen pipe fracture and water infiltration; he also developed the first centrifuge soil freeze-thaw cycle simulation device and proposed practical technologies for suppressing freeze-thaw; he also developed horizontal freezing technology, which provided a "golden key" for controlling water intrusion and sand flow in underground engineering. He also created a "drill-measure-intelligent-control" group pump grouting technology for correcting the deformation of buildings underground tunnel passes through, using intelligent control to correct the deformation of buildings. He led the development of the "reinforcement-skip-reverse-isolation-precise measurement" control technology for subsurface space construction in cross-metro operation tunnels, reducing the standard control limit for operating tunnel deformation to within 3 meters and releasing a large amount of land resources in the metro security zone that could not be used before. He has won the National Science and Technology Progress Award three times. He has published eight monographs and over 90 paper

培育新质生产力 赋能城轨高质量可持续发展

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘汉龙 / Liu Hanlong

中国工程院院士

重庆大学党委常委、常务副校长

*Academician of the Chinese Academy of Engineering
Executive vice president of Chongqing University*



刘汉龙教授，重庆大学党委常委、常务副校长，中国工程院院士，长江学者特聘教授，国家杰出青年科学基金获得者。长期从事环境岩土力学与防灾减灾工程、城市地下空间与工程安全等方向研究。获国家与省部级科学技术奖 16 项，其中国家技术发明二等奖 2 项，国家科技进步二等奖 1 项，省部级科学技术一等奖 6 项。获国家与省部级教学成果奖 6 项，其中国家教学成果二等奖 2 项、省级教学成果一等奖 2 项。获何梁何利基金科学与技术创新奖、光华工程科技奖、首届全国创新争先奖、茅以升土力学及岩土工程大奖、国际岩土德赛大奖和重庆市科技突出贡献奖等荣誉。获国家发明专利 132 件，软件著作权 7 件。发表 SCI 高水平论文 326 篇，ESI 高被引论文 12 篇，连续 4 年入选中国高被引学者榜单，2023 年入选科全球睿唯安高被引科学家。出版中英文专著 5 部，主编国家和行业等标准 7 部，参编 ISO 国际标准 1 部。

Professor Liu Hanlong, Member of the Standing Committee of the Party Committee and executive vice president of Chongqing University, Academician of the Chinese Academy of Engineering, Distinguished Professor of Chang Jiang Scholars Program, winner of the National Science Fund for Distinguished Young Scholars. He has long been engaged in the research of environmental geotechnical mechanics and disaster prevention and mitigation engineering, urban underground space and engineering safety. Liu Hanlong has won 16 national, provincial and ministerial science and technology awards, including 2 second prizes for National Technological Invention, 1 second prize for National Scientific and Technological Progress, and 6 first prizes for provincial and ministerial science and technology; 6 national, provincial and ministerial teaching achievement awards, including 2 second prizes for National Teaching Achievements and 2 first prizes for provincial teaching achievements; Ho Leung Ho Lee Foundation Science and Technology Innovation Award, the Guanghua Engineering Science and Technology Award, the First National Innovation Competition Award, the Mao Yisheng Soil Mechanics and Geotechnical Engineering Award, the International Geotechnical CHANDRAKANT S. Desai Medal, and the Chongqing Science and Technology Outstanding Contribution Award. He has obtained 132 national invention patents and 7 software copyrights; Published 326 top SCI papers and 12 ESI highly cited papers. He has been selected into the list of China's highly cited scholars for 4 consecutive years. In 2023, he was selected as a Clarivate Highly Cited Researchers. He has published 5 Chinese and English monographs, edited 7 national and industry standards as the chief editor, and participated in the compilation of an ISO international standard.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

于波 / Yu Bo

中国城市轨道交通协会专家和学术委员会副主任

Deputy director of Experts & Academic Committee of China Association of Metros



中国城市轨道交通协会专家和学术委副主任、成都轨道集团有限公司原常务副总经理、享受国务院政府特殊津贴专家、教授级高级建筑师、“中国地铁 50 年致敬人物”。

从事城轨行业近 40 年，先后主持和参与了北京、上海、广州、深圳、重庆、天津、杭州、厦门等国内几十座城市的地铁线网规划、建设规划、可研报告、重大技术方案、项目安全评估、项目开通运营条件验收等专家评审、评估；全程、全方位参与了成都市城市轨道交通从 0 公里到 500 公里的规划、设计、建设、运营筹备、运营管理等全方位的技术管理和统筹工作。

Expert and deputy director of the Academic Committee of China Association of Metros, former executive deputy general manager of Chengdu Rail Transit Group Co., Ltd., expert enjoys special government allowances from the State Council, professor-level senior architect, and winner of the title of "Figures of the 50th Anniversary of China Metro".

With nearly 40 years of experience in the urban rail transit industry, I have successively led and participated in the expert reviews and evaluations of metro network planning, construction planning, feasibility studies, major technical solutions, project safety assessments, and project opening and operation conditions inspections for dozens of cities in China, including Beijing, Shanghai, Guangzhou, Shenzhen, Chongqing, Tianjin, Hangzhou, and Xiamen. I have also been involved in the full range of technical management and coordination work for the planning, design, construction, operation preparation, and operation management of urban rail transit in Chengdu from zero to 500 kilometers.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

官波 / Guan Bo

中国城市轨道交通协会专家和学术委员会副主任

Deputy director of Experts & Academic Committee of China Association of Metros



官波，中共党员，重庆市铁路集团原党委书记、董事长，正高级工程师，中国城市轨道交通协会专家和学术委员会委员，信息化专业委员会副主任。投身公共交通事业 38 年来，荣获全国劳模、全国“三八”红旗手、国务院政府特殊津贴、“庆祝中华人民共和国成立 70 周年”纪念章、重庆市“三八”红旗手、重庆市国资委“国企贡献奖”等殊荣。负责集团党政全面工作，长期从事轨道交通规划、建设、运营管理等工作。牵头开展城轨快线 15 号线、27 号线和市域铁路璧铜线、江跳线等工程项目的技术标准、规划、设计、建设工作。“基于 EAM 设备资产管理体系”获国家创新管理一等奖。先后主持重庆市公共交通指挥调度系统、重庆市城市建设地理信息（GIS）系统等。牵头开展国家科技部先进轨道交通重点专项《区域轨道交通协同运输与服务系统》、交通运输部“交通强国”等国家级课题研究、中城协重点科研专项《区域轨道交通协同运输与服务体系应用研究》，重庆市住建委城轨快线系列标准编制工作等。

Guan Bo, member of the Communist Party of China, former secretary of the party committee and chairman of Chongqing Railway (Group) Co., Ltd., senior engineer, member of the Experts & Academic Committee of China Association of Metros, and deputy director of Information Committee of China Association of Metros. In the past 38 years of public transportation, she has won the National Model Worker, National March 8th Red-Banner Pacesetter, Special Government Allowance of the State Council, "Celebrating the 70th Anniversary of the Founding of the People's Republic of China" Commemorative Medal, Chongqing March 8th Red-Banner Pacesetter, Chongqing State-owned Assets Supervision and Administration Commission "State-owned Enterprise Contribution Award" and other honors. She has been responsible for the overall work of the party and government of the group, and has been engaged in rail transit planning, construction, operation management and other work for a long time. She led the technical standards, planning, design, and construction of urban rail express line 15, line 27, urban railway Bishan- Tongliang line, Tiaodeng-Jiangjin Line and other projects. She led the project "Asset Management System Based on EAM Equipment", which has won the first prize of National Innovation Management. Successively presided over Chongqing Public Transport Command and Dispatch System, Chongqing Urban Construction Geographic Information (GIS) System, etc. She took the lead in carrying out national-level research projects, such as the Ministry of Science and Technology's advanced rail transit key project "Regional Rail Transit Collaborative Transportation and Service System", "Transportation Power" of the Ministry of Transport and other national-level research projects, and the key scientific research project "Regional Rail Transit Collaborative Transportation and Service System Application Research" of China Association of Metros, as well as the compilation of Chongqing Municipal Commission of Housing and Urban-Rural Development's urban rail express line series standard.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

蔡昌俊 / Cai Changjun

中国城市轨道交通协会专家和学术委员会副主任

广州地铁集团有限公司副总经理

*Deputy director of Experts & Academic Committee of China Association of Metros
Deputy general manager of Guangzhou Metro Group Co. Ltd.*



蔡昌俊，教授级高级工程师，智能交通工学博士，党中央、国务院首届“国家卓越工程师团队”核心成员，广东省五一劳动奖章获得者，广州市杰出专家。长期从事城市轨道交通生产、安全和技术管理工作，是全国轨道交通设备管理创新“领军人物”，交通部轨道交通领域专家，国家重点研发计划项目负责人，在轨道交通通信、信号、智能交通、智能运维、运输组织、工业控制等领域先进技术研究及应用均有突破性的成就，主持 / 参加国家、省市重大科技项目 13 项，授权发明专利 28 项、出版专著 12 本、发表论文 30 篇，编制标准 11 项，荣获科技奖励 47 项。

Cai Changjun, professor-level senior engineer, doctor of intelligent transportation engineering, winner of May 1st Labour Medal of Guangdong Province, Outstanding Expert in Guangzhou. He has been engaged in urban rail transit production, safety and technology management for a long time. He is a leader in the management innovation of national rail transit equipment, expert of the Ministry of Communications in the field of rail transit, and person in charge of national key research and development plan. He has made breakthroughs in the research and application of advanced technologies in the fields of rail transit communication, signal, intelligent transportation, intelligent operation and maintenance, transportation organization, and industrial control. He has participated in or led 13 major national and provincial/municipal science and technology projects, been granted 28 patents for invention, published 12 books, published 30 academic papers, formulated 11 standards, and won 47 science and technology awards.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

魏运 / Wei Yun

中国城市轨道交通协会专家和学术委员会副主任

北京市地铁运营有限公司首席专家，副总工程师

*Deputy director of the Expert Academic Committee of China Association of Metros
Beijing Mass Transit Railway Operation Corp. Ltd.
Chief Expert, Assistant Chief Engineer*



魏运，工学博士，教授级高工，博士生导师，享受国务院特殊津贴专家，现任北京市地铁运营有限公司首席专家、副总工程师，技术创新研究院院长，地铁运营安全保障技术北京市重点实验室主任。荣获“国家高层次人才计划”、“第二届科学探索奖”、“青年北京学者”等数十项荣誉。主持国家及省部级科研项目 10 余项，获省部级科研奖励 14 项，主 / 参编行业规范 6 部，出版专著 3 部，发表论文 70 余篇，获发明专利 26 项。

Dr. Wei Yun is the chief technology officer, vice chief engineer, and director of Technology Innovation Research Institute of Beijing Subway Operation Co., Limited. He is also the director of Beijing Key Laboratory of Subway Operation Safety Technology. He has been awarded dozens of honors such as "National High-level Personal of Special Support Program", "The Second X-Exploration Prize", "Young Beijing Scholars" and so on. He has presided over more than ten projects, won fourteen provincial and ministerial science and Technology Process Awards, including six first-class awards. He has complied six specifications, published three books, applied for more than twenty invention patents, and published more than fifty papers in TRB, IEEE Transactions on Intelligent Transportation Systems, Science China, and other core journals.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王猛 / Wang Meng

重庆市铁路（集团）副总经理、总工程师

Deputy general manager and chief engineer of Chongqing Railway (Group)



王猛，现任重庆市铁路集团有限公司党委委员、董事、副总经理、总工程师。兼任重庆市江跳线建设运营公司董事长，国铁渝黔铁路公司董事。中国城市轨道交通协会专家与学术委委员。主持规划建设重庆都市快线网，总规划建设里程 1100 公里，在建总里程 194 公里。主持建设双流制市郊铁路江津至主城大渡口跳磴工程，荣获城市轨道交通科技进步一等奖，多项技术国内首创，实现了全自动供电切换与地铁贯通运营，达到国际先进水平。深入贯彻国家数字化发展战略，结合企业管理实际，牵头编制了基于 BIM 的全生命周期数字化建管规划，进行管理流程优化，全过程，全员推进数字建管。

Wang Meng, Han nationality, currently a member of the Party Committee, director, deputy general manager and chief engineer of Chongqing Railway (Group) Co., Ltd. Concurrently serves as the chairman of Chongqing Tiaodeng-Jiangjin Line Construction and Operation Company, and the director of National Railway Chongqing Guizhou Railway Co., Ltd. Academic Committee of China Association of Metros. Presided over the planning and construction of Chongqing Urban Express Network, with a total planned construction mileage of 1,100 kilometers and a total mileage of 194 kilometers under construction. Presided over the construction of the dual-stream suburban railway from Jiangjin to Dadukou, the main city, and won the first prize for scientific and technological progress in urban rail transit. A number of technologies of the project were pioneered in China, and fully automatic power supply switching and subway operation were realized, reaching the international advanced level. Thoroughly implement the national digital development strategy, combined with the actual situation of enterprise management, led the compiling of a full life cycle digital construction and management plan based on BIM, optimized the management process, and promoted digital construction and management throughout the process.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

姚燕明 / Yao Yanming

宁波市轨道交通集团总工程师

Chief engineer of Ningbo Rail Transit Group



姚燕明，博士研究生，教授级高工，现任宁波市轨道交通集团有限公司总工程师。长期从事轨道交通设计和建设管理工作，参与了宁波轨道交通各条线路的技术管理和技术创新，多次获得省部级科技进步奖，全国优秀勘察设计奖等，为中国城市轨道交通协会、中国土木工程学会轨道交通分会专家委员，宁波市突出贡献专家，享受国务院政府特殊津贴专家。

Yao Yanming, currently the chief engineer of Ningbo Rail Transit Group Co., Ltd. Operating Branch. Yao Yanming has been engaged in rail transit design and construction management for a long time, participated in the technical management and technological innovation of various lines of Ningbo rail transit, won many provincial and ministerial science and technology progress awards, national excellent survey and design awards, etc. Yao Yanming is an expert member of the China Association of Metros and Rail Transit Branch of China Civil Engineering Society, an Expert with Outstanding Contributions in Ningbo, and an expert enjoys special government allowances from the State Council.

于德涌 / Yu Deyong

深圳地铁建设集团副总经理

Deputy general manager of Shenzhen Metro Construction Group Co., Ltd.



于德涌，硕士，正高级工程师，从事城市轨道交通建设管理 28 年，现任深圳地铁建设集团有限公司副总经理。主持了深圳地铁 3、6、9、14、16 号线以及黄木岗、大运枢纽等十余个项目设计；主持深圳地铁四期工程设备系统的设计、安装和调试；主持深圳地铁五期工程设计，创建 1365N 技术标准体系；研究、试点并推广了全自动运行系统、群组化车站、装配式车站等多项技术创新。曾获得国家优质工程金奖 1 项，詹天佑奖 1 项，市级奖项 1 项。

Yu Deyong, master, senior engineer, has been engaged in urban rail transit construction management for 28 years; currently the deputy general manager of Shenzhen Metro Construction Group Co., Ltd. Presided over the design of more than ten projects, such as Shenzhen Metro lines 3, 6, 9, 14, and 16, Huangmugang and Universiade hub; Presided over the design, installation and commissioning of the equipment system of Shenzhen Metro Phase IV Project, the design of the Shenzhen Metro Phase V Project; Established the 1365N technical standard system; Researched, piloted and promoted a number of technological innovations such as fully automatic operation systems, group stations, and prefabricated stations. Won 1 National Quality Engineering Gold Award, 1 Tien-yow Jeme Award, and 1 Shenzhen municipal award.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张宝利 / Zhang Baoli

南京康尼机电股份有限公司智慧技术研究所所长

*Director of the Institute of Intelligent Technology of
NANJING KANGNI MECHANICAL & ELECTRICAL CO., LTD.*



张宝利，中国科学院计算机专业博士，江苏省双创人才、南京市紫金山高层次人才、江苏省 C 类人才，先后从事物联网、云计算、大数据、智能算法、PHM、网络安全和各类基于云大智的业务系统研发，发表 20 篇论文，申报专利多项，参与并研发的自动扶梯 PHM 系统和站台门 PHM 系统，通过江苏省新产品技术鉴定并达到国内领先水平，参与并研发的江苏省工信厅“故障检测和运维软件（MRO/PHM）攻关项目”，已通过验收，参与 2021 南京“紫金之巅”产业链技术攻关揭榜项目“轨道交通车门智能运维服务软件平台攻关项目”，目前该项目正在结题验收中，主导康尼公司轨道交通关键设备 PHM 项目研发，将云大智移物技术应用到系统中，并结合运行机理、大数据分析、AI 技术等，推动 PHM 系统升级换代，参与并研发的轨道交通车门 PHM 系统，先后在南京、广州、上海、成都、深圳等地铁用户推广使用。

Zhang Baoli, a Ph.D. in computer science from the Chinese Academy of Sciences, is an innovative and entrepreneurial talent in Jiangsu Province, a high-level talent in Nanjing Zijinshan, and a Jiangsu Province C-level talent. He has successively been engaged in the research and development of Internet of Things, cloud computing, big data, intelligent algorithms, PHM, network security, and various cloud-based business systems, published 20 papers, and applied for multiple patents. The escalator PHM system and platform door PHM system he developed and participated in have passed the technical appraisal of new products in Jiangsu Province and reached the domestic leading level. He participated in and developed the "MRO/PHM" project of the Jiangsu Provincial Department of Industry and Information Technology, which has been accepted. He participated in the 2021 Nanjing "Zijin Summit" industrial chain technology project "Tackling Key Issues of Rail Transit Door Intelligent Operation and Maintenance Service Software Platform," which is currently undergoing final acceptance. He led the research and development of the key equipment PHM project for Kangni's rail transit, applied cloud-based intelligent moving object technology to the system, and combined operational mechanisms, big data analysis, AI technology, etc., to promote the upgrading and updating of the PHM system. The rail transit door PHM system he participated in and developed has been successively promoted and used by subway users in Nanjing, Guangzhou, Shanghai, Chengdu, Shenzhen, and other cities.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

郑航 / Zheng Hang

八维通科技有限公司首席数字官

Chief digital officer of BWTON Techonology Co., Ltd.,



爱丁堡大学 EPCC 专业硕士，BIM 软件研发及 CIM 研发 10 年以上经验；带头研发 BIM 图形设计软件 MatrixBuilder（可对标 Autodesk 的 Revit 产品的底层工业基础软件）及建筑 AI 建模软件 uBuilder，建筑数据管理平台 uManager，图形渲染引擎 uSpace 等。拥有个人专利及软著 10 余项，曾荣获共青团中央创新大赛金奖、全球人工智能邀请赛二等奖、中国青年数字经济创业大赛银奖；人工智能全球创新邀请赛优秀项目奖、第九届中国财经峰会青年榜样、2021 新基建杯智能建造和 BIM 大赛一等奖、智能建筑行业设计师大赛优秀奖等奖项。

Master of EPCC from the University of Edinburgh, with more than 10 years of experience in research and development of BIM software and CIM; Led the research and development of BIM graphic design software MatrixBuilder (an underlying industrial basic software that can be benchmarked against Autodesk's Revit products), building AI modeling software uBuilder, building data management platform uManager, graphics rendering engine uSpace, etc. Has more than 10 personal patents and soft works, and has won the gold medal in the Central Innovation Competition of the Communist Youth League, the second prize in the Global Artificial Intelligence Invitational Competition, and the silver medal in the China Youth Digital Economy Entrepreneurship Competition, the Excellent Project Award of the Artificial Intelligence Global Innovation Invitational Competition, the Youth Model of the 9th China Finance and Economics Summit, the first prize of the 2021 New Infrastructure Cup Intelligent Construction and BIM Competition, the Excellence Award of the Intelligent Building Industry Designer Competition and other awards.

培育新质生产力 赋能城轨高质量可持续发展

*Cultivate New Quality Productive Forces and Empower the High-quality
and Sustainable Development of Urban Rail Transit*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘海涛 / Liu Haitao

中车株洲电力机车研究所有限公司副总经理兼研究院院长

Deputy general manager/Dean of research institute of CRRC Zhuzhou Institute



刘海涛，中国中车资深技术专家、中车株洲所副总经理、研究院院长，长期致力于轨道交通变流及传动控制领域技术研究和成果产业化研究，主持研发了具有自主知识产权的轨道交通牵引系统并批量应用于高速动车组、城际动车组、大功率电力机车、地铁等领域，累计创造经济价值数百亿元。先后主持和参与国家及省部级项目 10 余项，成果获省部级及以上科技进步奖励 10 余项，发明专利 48 件，主持制订国家、行业标准 6 项，发表论文 20 余篇，获评第二届湖南省优秀科技工作者，中国铁道学会茅以升铁道工程师，中华全国铁路总工会火车头奖章等荣誉称号。

Liu Haitao, senior technical expert of CRRC, deputy general manager of CRRC Zhuzhou Institute and president of the research institute. Liu Haitao has long been committed to technical research and industrialization research in the field of rail transit converter and transmission control, and has presided over the research and development of rail transit traction systems with independent intellectual property rights, and led their application in batches to high-speed EMUs, intercity EMUs, high-power electric locomotives, metros and other fields, creating a cumulative economic value of tens of billions of yuan. He has presided over and participated in more than 10 national, provincial and ministerial-level projects, won more than 10 scientific and technological progress awards at the provincial and ministerial level and above; has 48 invention patents; presided over the formulation of 6 national and industry standards, published more than 20 papers, and was awarded The second Outstanding Scientific and Technological Worker in Hunan Province, Mao Yisheng Railway Engineer of China Railway Society, Locomotive Medal of the All-China Railway Federation of Trade Unions and other honorary titles.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

胡雪梅 / Hu Xuemei

中兴通讯股份有限公司副总裁

Vice president of ZTE Corporation



胡雪梅，现任中兴通讯股份有限公司副总裁，MKT 及方案政企部总经理，负责政企中国市场 MKT 工作。

2001 年加入中兴通讯，在通信行业拥有超过 20 年的市场经营和项目管理专业经验。凭借对电信行业的理解深刻，以及开阔的国际化视野，带领不同团队不断突破创新，具有极强的全球市场开拓能力、经营能力和卓越的团队管理能力。

Ms. Hu Xuemei, joining ZTE Corporation in 2001, currently serves as Vice President of ZTE Corporation and General Manager of the Government and Enterprise Business Marketing and Solutions Dept., in charge of ZTE's marketing in the government and enterprise market in China.

With over 20 years of experience in market operations and project management in the telecom industry, Ms. Hu has developed a profound understanding of the industry and a broad international perspective. In addition, Ms. Hu possesses excellent capabilities in global market expansion, business operations, and team management. Under her leadership, many teams at ZTE have made continuous breakthroughs and innovations.

王锁平 / Wang Suoping

浙江众合科技股份有限公司营销中心总经理助理

Assistant to general manager of Marketing Center of UniTTEC Co., Ltd.



王锁平，高级工程师，深耕城市轨道交通领域创新技术研究，参与全自动无人驾驶、行车综合自动化系统、下一代轨道交通系统技术、一苇数智大数据平台等重点研发项目，牵头负责城市轨道交通数字化智慧大脑项目的研发及落地应用等系列工作。

Wang Suoping, Senior Engineer, is deeply engaged in innovative technology research in the field of urban rail transit. He has participated in key research and development projects such as FAO, TIAS, Next-generation Rail Transit System Technology, and Yiwei Digital Intelligence Big Data Platform. He has taken the lead in the development and implementation of the digital intelligent brain project for urban rail transit.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

高一轩 / Gao Yixuan

京投发展股份有限公司总裁

President of Metro Land Corporation Ltd.



高一轩，中共党员，现任京投发展股份有限公司副董事长、总裁。2007 年以来的 17 年间，高一轩带领京投发展团队开创了地铁停车场上盖综合开发模式，取得了多项专利。2018 年，提出京投发展“TOD 智慧生态圈”开发理念，进行了多个 TOD 项目开发，使京投发展成为 TOD 领域的领军企业。2021 年，提出全新生活方式理念，并将该理念实践运用到集公园 + 商业 + 剧场于一体的檀谷商圈这个跨界品牌中，使檀谷项目获得多个商业创新奖项，成为北京的文化高地。

Gao Yixuan, male, member of the Communist Party of China, currently the vice chairman and president of Urban Land Corporation Co., Ltd. In the 17 years since 2007, Gao Yixuan has led the development team of Urban Land Corporation Co., Ltd. to create a comprehensive development model for the superstructure of the metro parking lot, and has obtained a number of patents. In 2018, Gao Yixuan put forward the development concept of "TOD smart ecosystem" for the development of Urban Land Corporation Co., Ltd., and developed a number of TOD projects, making Urban Land Corporation Co., Ltd. a leading enterprise in the TOD field. In 2021, Gao Yixuan put forward a new lifestyle concept, and applied it to the cross-border brand of Tangu Business District, which integrates parks, commerce and theaters. This project won multiple commercial innovation awards and become a cultural highland in Beijing.

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2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

国际学术沙龙

International Academic Salon

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 13 日 19:30-21:30

论坛地点: 南京国际博览会议中心 1 层 中华厅

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会专家和学术委员会

中国城市轨道交通协会传媒会展中心

北京中城轨会展有限公司

Time: June 13, 2024 19:30-21:30

Place: China Hall, 1Rd floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Experts & Academic Committees

China Association of Metros Media Exhibition Center

Beijing Sino Urban Railway Expo Co., Ltd.



论坛议程 / FORUM AGENDA

| | |
|-------------|---|
| 主持人 | 姜波 中国城市轨道交通协会专家和学术委员会 专家委员 |
| 19:00-19:30 | 冷餐会 |
| 19:30-21:30 | <p>提问、答疑、交流</p> <p>分享嘉宾：</p> <p>越南胡志明城铁管理委员会副总裁 阮国显</p> <p>中国城市轨道交通协会</p> <p>常务副会长 周晓勤</p> <p>轮值会长、广州地铁集团有限公司党委书记、董事长 刘智成</p> <p>轮值会长、重庆市轨道交通（集团）有限公司董事长 乐梅</p> <p>副会长 仲建华</p> <p>副秘书长 李元胜</p> <p>北京基础设施投资有限公司副总经理 关继发</p> <p>广州地铁集团有限公司市场部总经理 姚世峰</p> <p>广州地铁设计院院长 农兴中</p> <p>中车长客股份公司党委书记、董事长 刘长青</p> <p>北京交通大学国际教育学院院长 姚恩建</p> <p>林同棧国际工程咨询（中国）有限公司总裁 杨进</p> <p>必维国际检验集团轨道交通事业部总监 高东</p> |
| 参会单位 | 越南胡志明城铁管理委员会、北京基础设施投资有限公司、重庆轨道集团有限公司、广州地铁集团有限公司、广州地铁设计院、中国中车股份有限公司、北京交通大学、林同棧国际中国、必维国际检验集团 |
| 沙龙结束 | |

论坛议程 / FORUM AGENDA

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|----------------------|--|
| Moderator | Jiang Bo Expert and Academic Committee Member of China Urban Rail Transit Association |
| 19:00-19:30 | Buffet |
| 07:30-21:00 | <p>Q&A, communicate and exchanges</p> <p>Conference attendees:</p> <p>Management Authority for Urban Railway, Deputy General Director, Nguyen Quoc Hien</p> <p>China Association of Metros:</p> <p>Executive vice president, Zhou Xiaoqin</p> <p>Guangzhou Metro Group Co., Ltd. chairman, Secretary of the Party Committee, Chairman-in-Rotation, Liu Zhicheng</p> <p>Chongqing Rail (Group) Co., Ltd., Chairman, Chairman-in-Rotation, Le Mei</p> <p>Vice Presidents, Zhong Jianhua</p> <p>Deputy Secretary-general, Li Yuansheng.</p> <p>Guangzhou Metro Group Co., Ltd., General Manager of Marketing Department, Yao Shifeng</p> <p>Guangzhou Metro Design & Research Institute Co., Ltd., President, Nong Xingzhong</p> <p>CRRC Changchun Railway Vehicles Co., Ltd., General Manager, Liu Changqing</p> <p>Beijing Jiaotong University, Chief of the International Division, Yao Enjian</p> <p>LYLIN International Engineering Consulting (China) Co., Ltd., General Director, Yang Jin</p> <p>Bureau Veritas International Inspection Group, Director of the Transportation Division, Gao Dong</p> |
| Participants | <p>China Association of Metros, Vietnam Ho Chi Minh Urban Railway Management Committee, Beijing Infrastructure Investment Co., Ltd., Chongqing Rail (Group) Co., Ltd., Guangzhou Metro Group Co., Ltd., Guangzhou Metro Design & Research Institute Co., Ltd., CRRC Corporation Limited, Beijing Jiaotong University, LYLIN International Engineering Consulting (China) Co., Ltd., Bureau Veritas International Inspection Group</p> |
| Closing of the salon | |

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum

- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 09:10-17:40

论坛地点: 南京国际博览会议中心 3 层 扬子厅

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会信息化专业委员会

中国城市轨道交通协会安全管理专业委员会

中国城市轨道交通协会技术装备专业委员会

北京中城轨会展有限公司

协办单位: 上海长合信息技术股份有限公司

上海电气泰雷兹交通自动化系统有限公司

北京城建智控科技股份有限公司

华为技术有限公司

上海同岩土木工程科技股份有限公司

上海嘉成轨道交通安全保障系统股份公司

江苏省城市轨道交通运营安全技术研究中心

Time: June 14, 2024 09:10-17:40

Place: Yangtze Hall, 3Rd floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Informationization Committee of CAMET

Safety Management Committee of CAMET

Technical Equipment Committee of CAMET

Beijing Sino Urban Railway Expo Co., Ltd.

Co-organizer: Shanghai Charmhope Information Technology Co., Ltd.

Thales SEC Transportation System Limited Company

Beijing Urban Construction Intelligent Control Co., Ltd.

Huawei Technologies Co., Ltd.

Shanghai Tongyan Civil Engineering Technology Co., Ltd.

Shanghai Jiacheng Rail Transit Safety Guarantee System Co., Ltd.

Jiangsu Urban Rail Transit Operation Safety Technology Research Center

论坛议程 / FORUM AGENDA

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|-------------|--------------------------|-----|------------------------------|
| 主持人 | 杨旭 中国城市轨道交通协会信息化专委会副秘书长 | | |
| 一、领导致辞 | | | |
| 时 间 | 致辞主题 | 致辞人 | 单位及职务 |
| 09:10-09:30 | 领导致辞及《城市轨道交通信号系统用户需求书》发布 | 丁树奎 | 中国城市轨道交通协会副会长 |
| 09:30-09:50 | 致欢迎辞及主题分享 | 张伯林 | 南京地铁集团有限公司安全总监 |
| 二、上午场主题演讲 | | | |
| 时 间 | 演讲主题 | 演讲人 | 单位及职务 |
| 09:50-10:10 | 城市轨道交通授时系统调研报告 | 安 彬 | 中国城市轨道交通协会 信息化专委会副秘书长 |
| 10:10-10:30 | 基于暂态电流监测技术构建车网协同安全的探索与应用 | 何 晔 | 广州市轨道交通产业联盟顾问 |
| 10:30-10:50 | 开放与融合一践行城轨行业数字化转型 | 张利宽 | 北京城建智控科技股份有限公司产品总监 |
| 10:50-11:10 | 青岛地铁智慧工地建设与应用经验分享 | 宋 帅 | 青岛地铁集团有限公司工程管理部副部长 |
| 11:10-11:30 | 基于“一键式”理念的突发事件应急处置研究与实践 | 林 沙 | 广州地铁集团有限公司 线网管控中心应急管理部副经理 |
| 11:30-11:50 | 城市轨道交通场段设备产业发展探索 | 张建博 | 广州轨道交通产业研究院秘书长 |
| 11:50-13:50 | 休 息 | | |

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum

- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry

论坛议程 / FORUM AGENDA

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| 主持人 | 黎国清 中国城市轨道交通协会技术装备专业委员会副主任兼秘书长 安 彬 中国城市轨道交通协会信息化专委会副秘书长 |
|-----|--|

三、领导发言

| 时 间 | 发言主题 | 发言人 | 单位及职务 |
|-------------|------|-----|----------------|
| 13:50-14:00 | 领导发言 | 王燕凯 | 中国城市轨道交通协会副秘书长 |

四、下午场主题演讲

| 时间 | 演讲主题 | 演讲人 | 单位及职务 |
|-------------|------------------------------------|-----|-------------------------------|
| 14:00-14:20 | VR 技术在城市轨道交通应急管理中的应用 | 王子甲 | 北京交通大学线路安全与防灾 北京工程中心副主任 |
| 14:20-14:40 | 轨道交通保护技术创新与实践 | 柏文锋 | 广州地铁设计院 工程监测和测绘分院副院长 |
| 14:40-15:00 | 破壁赋能，促进轨道交通应急的智能化发展 | 段 林 | 上海长合信息技术股份有限公司 CTO |
| 15:00-15:20 | 城市轨道交通 5G 公网规范解读 | 陈林宝 | 北京全路通信信号研究设计院集团有限公司 城轨所副所长 |
| 15:20-15:40 | TSTCBTC 系统安全实践的演进与展望 | 黄 雷 | 上海电气泰雷兹交通自动化系统有限公司 系统保障总监 |
| 15:40-16:00 | 基于国产 BIMBase 平台的城市轨道交通地下车站结构设计创新应用 | 张靖杰 | 中国建筑科学研究院 轨道交通产品总监 |
| 16:00-16:20 | 自主根技术，助力城轨信息化可持续发展 | 沈光亮 | 华为技术有限公司 华为中国政企地铁行业总工 |
| 16:20-16:40 | 数字化车站创新与实践 | 史和平 | 上海嘉成轨道交通安全保障系统股份公司 董事长 |
| 16:40-17:00 | 地铁防灾系统热烟测试技术及标准 | 石杰红 | 中国安全生产科学研究院主任 |
| 17:00-17:20 | 城市轨道交通隧道结构快速检测技术与评价方法 | 刘新根 | 上海同岩土木工程科技股份有限公司 副总经理 |
| 17:20-17:40 | 新时代江苏城市轨道交通运营安全监管实践 | 游玉石 | 江苏省城市轨道交通运营安全技术研究中心 常务副主任 |

会议结束

论坛议程 / FORUM AGENDA

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|--------------------------|---|--------------|---|
| Moderator | Yang Xu, deputy secretary-general of Informatization Committee the Informatization Committee, China Association of Metros | | |
| 1. Leaders' speeches | | | |
| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
| 09:10-09:30 | Leaders' speeches and Release of User Requirements of Urban Rail Transit Signaling System | Ding Shukui | Vice president of China Association of Metros |
| 09:30-09:50 | Welcome speech and theme speech | Zhang Bolin | Safety director of Nanjing Metro Group Co., Ltd. |
| 2. Keynote speeches (AM) | | | |
| 09:50-10:10 | Investigation Report on Timing System of Urban Rail Transit | An Bin | Deputy secretary-general of Informatization Committee |
| 10:10-10:30 | Exploration and Application of Constructing Vehicle-Network Cooperative Safety Based on Transient Current Monitoring Technology | He Ye | Consultant of Guangzhou Rail Transit Industry Alliance |
| 10:30-10:50 | Openness and Integration - Implementing the Digital Transformation of the Urban Rail Transit Industry | Zhang Likuan | Product director of Beijing Urban Construction Intelligent Control Co., Ltd. |
| 10:50-11:10 | Qingdao Metro’s Smart Construction Site Construction and Application Experience | Song Shuai | Qingdao Metro Group Co., Ltd. Deputy director of Engineering Management Department |
| 11:10-11:30 | Research and Practice of Emergency Response Based on "One-click" Concept | Lin Sha | Guangzhou Metro Group Co. Ltd. Assistant Manager of the Emergency Management Department of Line Network Control Center |
| 11:30-11:50 | Exploration on the Development of Equipment Industry in Urban Rail Transit Yard Section | Zhang Jianbo | Secretary-general of Guangzhou Rail Transit Industry Research Institute |
| 11:50-13:50 | Tea break | | |

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum
- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of
Urban Rail Transit Industry

论坛议程 / FORUM AGENDA

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| Moderator | Li Guoqing, deputy director and secretary-general of Technical Equipment Committee, China Association of Metros An Bin , Deputy secretary-general of Informatization Committee, China Association of Metros |
|------------------|--|

3. Speech by leaders

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|-------------------|-------------|---|
| 13:50-14:00 | Speech by leaders | Wang Yankai | Deputy secretary-general of China Association of Metros |

4. Keynote speeches (PM)

| DATE | SPEECH TOPIC | GUEST PEAKER | UNIT&POSITION |
|-------------|---|-----------------|--|
| 14:00-14:20 | Application of VR Technology in Emergency Management of Urban Rail Transit | Wang Zijia | Deputy director of Beijing Engineering Line Safety and Disaster Prevention Center, Beijing Jiaotong University |
| 14:20-14:40 | Innovation and Practice of Rail Transit Protection Technology | Bai Wenfeng | Vice president of Engineering Monitoring and Surveying and Mapping Branch, Guangzhou Metro Design & Research Institute |
| 14:40-15:00 | Emergency Command System of Urban Rail Transit | Duan Lin | CTO of Shanghai Charmhope Information Technology Co., Ltd. |
| 15:00-15:20 | Interpretation of 5G Public and Private Network Specifications for Urban Rail Transit | Chen Linbao | Deputy Director of Urban Rail Transit Institute of CRSC Research & Design Institute Group Co., Ltd. |
| 15:20-15:40 | Evolution and Prospect of TSTCBTC System Security Practice | Huang Lei | Director of system support, Thales SEC Transportation System Limited Company |
| 15:40-16:00 | Innovative Application of Urban Rail Transit Underground Station Structural Design Based on Domestic BIMBase Platform | Zhang Jingjie | Product director, China Academy of Building Research |
| 16:00-16:20 | Independent Root Technology Enables the Sustainable Development of Urban Rail Transit Informatization | Shen Guangliang | Huawei Technologies Company Ltd. Chief Engineer of Metro Service, Huawei China Government-enterprise Business |
| 16:20-16:40 | Promoting the Intelligent Development of Rail Transit Emergency Response by Breakthrough and Enabling | Shi Heping | Chairman of Shanghai Jiacheng Rail Transit Safety Guarantee System Co., Ltd. |
| 16:40-17:00 | Hot Smoke Testing Technology and Standards for Metro Disaster Prevention System | Shi Yinghong | Director of China Academy of Safety Science and Technology National Youth Support Talents |
| 17:00-17:20 | Rapid Detection Technology and Evaluation Method of Urban Rail Transit Tunnel Structure | Liu Xingen | Deputy general manager of Shanghai Tongyan Civil Engineering Technology Co., Ltd. |
| 17:20-17:40 | Jiangsu's Practice of Urban Rail Transit Operation Safety Supervision in the New Era | You Yushi | Executive deputy director of Jiangsu Urban Rail Transit Operation Safety Technology Research Center |

End of the meeting

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

丁树奎 / Ding Shukui

中国城市轨道交通协会副会长

Vice president of China Association of Metros



丁树奎，轨道交通行业知名专家，教授级高级工程师，中国城市轨道交通协会副会长、北京协同创新轨道交通研究院有限公司董事长，住建部科学技术委员会城轨建设专业委员会副主任委员。

一直从事轨道交通工程领域设计、研发、管理等工作，长期致力于推动轨道交通重大装备及核心技术自主化。主持了京沪高铁电气化总体设计、北京亦庄线 CBTC 系统自主化、燕房线自主化全自动运行系统国家示范工程等重大设计研发项目。在城市轨道交通核心技术自主化、网络化、智慧化运行和大型项目管理模式上有多项行业内有重大影响的首创、首倡。两次获得国家科学技术进步奖二等奖，编写出版《城市轨道交通建设安全管理体系》、《基于 BIM 的数字城市轨道交通建设与总体管理》等著作。

A well-known expert in the rail transit industry, professor-level senior engineer, vice president of China Association of Metros, chairman of Beijing Collaborative Innovation Rail Transit Research Institute Co., Ltd., and vice chairman of the Urban Rail Construction Sub-commission of the Science and Technology Committee, the Ministry of Housing and Urban-Rural Development.

Has been engaged in the design, research and development, management and other work in the field of rail transit engineering, and has long been committed to promoting the autonomy of major rail transit equipment and core technologies. Has presided over major design and development projects such as the overall design of the electrification of the Beijing-Shanghai high-speed railway, the independent CBTC system of the Beijing Yizhuang Line, and the national demonstration project of the independent and fully automatic operation system of the Beijing Yanfang Line. Made a number of initiatives with significant influence in the industry in terms of the independent, networked, intelligent operation of the core technology of urban rail transit and the management mode of large-scale projects. Won two second prize of the National Science and Technology Progress Award, compiled and published works such as *the Urban Rail Transit Construction Safety Management System* and *Digital Urban Rail Transit Construction and Overall Management Based on BIM*.

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum

- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王燕凯 / Wang Yankai

中国城市轨道交通协会副秘书长

Deputy secretary-general of China Association of Metros



北方交通大学桥隧及结构工程专业硕士，教授级高级工程师，中国城市轨道交通协会副秘书长。

曾就职于北京铁路局、北京城建集团、北京市基础设施投资公司。历任北京城建工程研究院副院长，北京城建勘测设计研究院副院长，北京市基础设施投资有限公司规划建设部部长、企业发展部部长、总经理助理。

80 年代中期开始从事铁路、地铁的相关技术和管理工作的，组织并实施了北京轨道交通 700 公里的规划设计和线网资源共享的研究工作。曾获得北京市科技进步一等奖、二等奖等科技奖励。

Wang Yankai, holds a master's degree in bridge, tunnel and structural engineering from Beijing Jiaotong University (former Beifang Jiaotong University), a professor-level senior engineer, and deputy secretary-general of China Association of Metros.

In the mid-1980s, he began to engage in the related technology and management of railways and metros, and organized and implemented the research work on the planning and design of 700 kilometers of Beijing rail transit and the sharing of line network resources. He has won the first and second prizes of Beijing Science and Technology Progress Award.

He has successively served as the vice president of Beijing Urban Construction Engineering Research Institute, the vice president of Beijing Urban Construction Exploration and Serving Design Research Institute, the director of the planning and construction department, the director of the enterprise development department, and the assistant to the general manager of Beijing Infrastructure Investment Co., Ltd.

城轨数字化与安全论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黎国清 / LI Guoqing

中国城市轨道交通协会技术装备专业委员会副主任兼秘书长

*Deputy director and secretary-general of Technical Equipment Committee,
China Association of Metros*



黎国清，研究员，博士生导师，国家“万人计划”科技创新领军人才。1984年毕业于西南交通大学，先后任中国铁道科学研究院铁建所副所长、科技处处长、铁路基础设施检测中心主任，现任中国城市轨道交通协会技术装备专业委员会副主任兼秘书长。一直从事轨道交通安全检测、轨道管理等方面的试验研究工作。主持或参加了国家 973、863 项目和多项关于综合检测、轨道管理方面的科研项目，发表论文 50 多篇。获得国家科技进步奖二等奖 1 项，省部级特等奖 10 余项。获得“国务院特殊津贴”、3 次“火车头”奖章等。

Li Guoqing, researcher, doctoral supervisor, leading talent in scientific and technological innovation the national "Millions of Talents Project". Graduated from Southwest Jiaotong University in 1984, successively served as the deputy director of the Railway Construction Institute of China Academy of Railway Sciences Group Limited, the director of the Science and Technology Department of China Academy of Railway Sciences Group Limited, and the director of the Railway Infrastructure Testing Center of China Academy of Railway Sciences Group Limited; Currently the deputy director and secretary-general of Technical Equipment Committee, China Association of Metros. Has been engaged in experimental research on rail transit safety detection and rail management. Presided over or participated in the national 973 and 863 projects and a number of scientific research projects on comprehensive detection and orbit management, and published more than 50 papers; Won 1 second prize of the National Science and Technology Progress Award and more than 10 provincial and ministerial special prizes. Received "Special Allowance from the State Council", 3 "Locomotive Medals" etc.

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum

*- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of
Urban Rail Transit Industry*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

杨旭 / Yang Xu

中国城市轨道交通协会信息化专委会副秘书长

*deputy secretary-general of Informatization Committee the Informatization Committee,
China Association of Metros*



杨旭，博士、研究员级高工，长期从事城市轨道交通工程项目管理，曾获中国城市轨道交通科技进步一等奖 1 项、全军科技进步二等奖、三等奖各 1 项，中国地理信息和中国测绘科技进步二等奖各 1 项，南京市科技进步三等奖 1 项，国家、省市级优秀工程设计勘察奖 30 多项；参加多项国家及江苏省自然科学基金项目研究；发表学术论文 40 多篇。

Introduction: Ph.D., researcher-level senior engineer, has been engaged in urban rail transit engineering project management for a long time, and has won one first prize of China Urban Rail Transit Science and Technology Progress Award, one second prize and one third prize of the Army Science and Technology Progress Award, one second prize of China Geographic Information and China Surveying and Mapping Science and Technology Progress Award, one third prize of Nanjing Science and Technology Progress Award, and more than 30 national, provincial and municipal excellent engineering design and survey awards. Yang Xu has participated in a number of research projects of the National Natural Science Foundation of China and Jiangsu Province, and published more than 40 academic papers.

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

安彬 / An Bin

中国城市轨道交通协会信息化专委会副秘书长

太原轨道交通集团有限公司信息管理中心主任

*Deputy secretary-general of Informatization Committee of China Association of Metros
Director of Information Management Center of Taiyuan Metro Group Co., Ltd.*



安彬，太原轨道交通集团有限公司信息管理中心主任、中国城市轨道交通协会信息化专业委员会副秘书长、高级工程师。拥有丰富的企业数字化转型经验，负责太原轨道交通集团有限公司信息化建设、城轨云平台运维及数字化转型实践。

An Bin, director of Information Management Center of Taiyuan Metro Group Co., Ltd., deputy secretary-general and senior engineer of Informatization Committee of China Association of Metros. Has rich experience in enterprise digital transformation; Responsible for the information construction, the operation and maintenance of the urban rail cloud platform, and the practice of digital transformation of Taiyuan Metro Group Co., Ltd.

张伯林 / Zhang Bolin

南京地铁集团有限公司安全总监

Safety director of Nanjing Metro Group Co., Ltd.



张伯林，教授级高级工程师、国家一级注册结构工程师，现任南京地铁集团有限公司安全总监，江苏省有突出贡献的中青年专家，获聘为中国城市轨道交通协会安全管理专委会专家、江苏省铁路建设安全生产专家、江苏省城市轨道交通工程质量安全专家、江苏省城市轨道交通行业运营管理专家。主持多项科研课题研究，以第一作者发表学术论文 11 篇、专著 1 部；获得发明及实用新型专利多项；获得国家、省 / 部级、市级科技进步奖 14 项。

Zhang Bolin, professor-level senior engineer, national first-class registered structural engineer, is currently the safety director of Nanjing Metro Group Co., Ltd. Young and Middle-aged Expert with Outstanding Contributions in Jiangsu Province; Expert of the Safety Management Professional Committee of China Association of Metros, expert in safety production of railway construction in Jiangsu Province, expert in quality and safety of urban rail transit engineering in Jiangsu Province, and expert in operation and management of urban rail transit industry in Jiangsu Province. Presided over a number of scientific research projects, published 11 academic papers and 1 monograph as the first author; Obtained a number of invention and utility model patents; Won 14 national, provincial/ministerial and municipal scientific and technological progress awards.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

何晔 / He Ye

广州市轨道交通产业联盟顾问

Consultant of Guangzhou Rail Transit Industry Alliance



何晔、教授级高工、广州地铁集团有限公司二级专家，广州轨道交通产业联盟高级顾问，深耕车辆工程、电力传动领域，曾获原铁道部青年岗位能手称号。主持多个项目的设计联络和设计审查工作：参与先锋号动力分散型电动车组辅助系统的设计和试制工作；在国家发改委组织的国产化 A 型地铁列车的研究、开发和设计工作中，担任主要角色；组织承担了国内 A 型车用户需求书范本的编制；参加国家“十二五”科技支撑计划课题及“863”重点项目“城市轨道列车在途监测与安全预警关键技术”的科研工作。获得广东省科学技术进步奖一等奖一项、二等奖一项，发明专利若干项。

He Ye, professor-level senior engineer, second-level expert of Guangzhou Metro Group Co., Ltd., senior consultant of Guangzhou Railway Transportation Industry Alliance, deeply involved in the fields of vehicle engineering and electric transmission, and was awarded the title of “young people who excel at their jobs” by the former Ministry of Railways. Presided over the design liaison and design review of several projects: Participated in the design and trial production of the auxiliary system of the Xianfeng power decentralized EMU; Played a major role in the research, development and design of localized A-type metro trains organized by the National Development and Reform Commission; Organized and participated in the compilation of domestic A-type train user demand book template; Participated in the scientific research work of Key Technology of Urban Rail Train in-transit Monitoring and Safety Early Warning, a national "Twelfth Five-Year Plan" science and technology support plan project and "863" key project". Won one first prize and one second prize of Guangdong Science and Technology Progress Award, and has several invention patents.

张利宽 / Zhang Likuan

北京城建智控科技股份有限公司 产品总监

Product director of Beijing Urban Construction Intelligent Control Co., Ltd.



张利宽，高级工程师，现任北京城建智控科技股份有限公司产品总监，毕业于中国人民大学、布达佩斯考文纽斯大学，工学硕士、eMBA；从事轨道交通行业 20 年，历任一带一路境外铁路合资公司高管、国内外多条地铁试运营条件评审专家、轨道交通产品规划及研发负责人等岗位，主导多个行业解决方案及产品研发落地，近年发表 SCI 收录论文多篇。

Zhang Likuan, senior engineer, currently the product director of Beijing Urban Construction Intelligent Control Co., Ltd.; Graduated from Renmin University of China and Corvinus University of Budapest, master of engineering, eMBA; Engaged in the rail transit industry for 20 years and successively served as an executive of a Belt and Road Overseas Railway Joint Venture company; Expert in the review of the trial operation conditions of multiple subways at home and abroad, and the person in charge of rail transit product planning and research and development. Published many papers included in SCI in recent years.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERSv

宋帅 / Song Shuai

青岛地铁集团有限公司工程管理部副部长

Vice Minister of Engineering Management , Qingdao Metro Group Co., Ltd.



宋帅，从事工程建设十多年，始终坚持“为城市建地铁、为人民建地铁”理念，履职尽责，担当表率，被青岛市住建局评为“青岛市市政公用工程评审专家”；他开拓创新，构建集 8 大板块 107 个模块 258 项功能于一体的智慧工地一体化平台，工程档案电子化成果通过了青岛市城建档案馆专家验收评审，并依托智慧工地，从设计、施工、地质做到风险源头防控，违规事件发生率降低 83%，智慧工地平台获“2022 年中国企业品牌创新成果奖”，评定为山东省首版次高端软件。深耕青岛地铁饰面高性能混凝土的研究和落地应用，一手构建智慧工地一体化平台，获“2022 年中国企业品牌创新成果奖”，评定为山东省首版次高端软件；发表《青岛地铁工程建设隐患排查治理体系研究》、《基坑开挖对邻近地铁区间隧道结构安全的数值模拟分析》等多篇论文；参与编制团体标准《城市轨道交通工程智慧工地建设评价标准 (T/QDSZ 02-2023)》；申请《一种暗挖爆破施工监测点保护装置》等 5 项专利软著，获得“2022 年中国企业品牌创新成果奖首届创新成果评选·科技创新一等奖”。

Song Shuai has been engaged in engineering construction for more than ten years, and has always adhered to the concept of "building subway for the city and subway for the people", performed his duties and acted as an example. "Qingdao Municipal Public Works Evaluation Expert" by Qingdao Municipal Housing and Construction Bureau; He was pioneering and innovative, and built a smart site integration platform integrating 107 modules and 258 functions in 8 major sections. The electronic engineering archives passed the expert acceptance and review of Qingdao Urban Construction Archives, and relied on the smart site, from design, construction, geology to risk source prevention and control, and the incidence of violations was reduced by 83%. The Smart site platform won the "2022 China Enterprise Brand Innovation Achievement Award" and was rated as the first high-end software in Shandong Province. Focusing on the research and application of high-performance concrete for decorative surfaces in Qingdao Metro, and personally building an integrated platform for smart construction sites, you have won the "2022 China Enterprise Brand Innovation Achievement Award" and been recognized as the first high-end software in Shandong Province. You have also published several papers, including "Research on the Hidden Danger Investigation and Control System of Qingdao Metro Engineering Construction" and "Numerical Simulation Analysis of the Safety of Tunnel Structure in Adjacent Metro Sections during Foundation Pit Excavation". You have participated in the compilation of the group standard "Evaluation Standard for Smart Construction Site Construction of Urban Rail Transit Engineering (T/QDSZ 02-2023)". Additionally, you have applied for five patents and software copyrights, including "A Protective Device for Monitoring Points in Underground Excavation and Blasting Construction," and won the "First Prize for Scientific and Technological Innovation in the First Session of the 2022 China Enterprise Brand Innovation Achievement Award."

城轨数字化与安全论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

林沙 / Lin sha

广州地铁集团有限公司线网管控中心应急管理部副经理

Assistant Manager of the Emergency Management Department of Line Network Control Center of Guangzhou Metro Group Co. Ltd.



林沙，牵头设计并推广了广州地铁运营总部应急动态管理系统、应急处置系统、三防管理系统、调度辅助系统等，提升总部应急管理信息化水平。开展了线网车站站内全景图、车站数字化三维建模、车站站外无人机航拍项目，为公司累计节约1000余万元，助力数字化底层建设。开展粤港澳大湾区线网控制指挥模式研究、城市轨道交通协调高效智能调度指挥系统关键技术研究以及穗腾OS线网级示范应用项目。研发并推广一种多场景的行车调度仿真系统》，获得国家发明专利，并在广州地铁调度体系推广应用。

Lin Sha, the Assistant Manager of the Emergency Management Department of Line Network Control Center of Guangzhou Metro Operation Business Headquarters. Took lead in designing and promoting the emergency dynamic management system, emergency response system, three-proofing's management system and dispatch support system of Guangzhou Metro Operation Headquarters, as well as improving the informatization level of the headquarters' emergency management. Carried out the interior panoramic view of line network station, digital 3D modeling and external UAV aerial photography of stations, saved more than 10,000,000 yuan for the company and assisted for the construction of digital bottom layer. Carried out researches on the control and command mode of line network in the Guangdong-Hong Kong-Macao Greater Bay Area, key technical research on the coordinated, efficient and intelligent dispatch command system of urban rail transit as well as Suiteng OS line-network level demonstration project. Studied and promoted a multi-scenario train dispatching simulation system, obtained the national invention patent and promoted the application of dispatching system to Guangzhou Metro.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张建博 / Zhang Jianbo

广州轨道交通产业研究院秘书长

Deputy secretary-general of the Guangzhou Rail Transit Industry Alliance



张建博，兰州交通大学机械设计制造及其自动化专业毕业，大学本科学历，工学学士学位。现任广州市轨道交通产业联盟副秘书长，兼任党群综合与产业发展部部长及新兴产业研究院秘书长，高级工程师职称。曾历任广州城投集团旗下设计院建筑所副所长和土地开发公司开发部部长，作为专业负责人主导的市政设计项目获得广州市优秀工程设计三等奖，被聘为市工信局产业发展专项资金项目产业类专家。曾借调至广州市发展改革委工作，参与开展通用航空、地铁和城际铁路等项目前期研究，推进轨道交通产业规划布局，参与编制《广州市轨道交通产业高质量发展三年行动计划（2022-2024年）》《广州市轨道交通领域自主化创新产品评定及推广应用实施办法（试行）》等政策文件。在产业联盟工作期间主要对接政府部门，负责轨道交通各细分领域产业研究相关工作，主导完成轨道交通领域产业发展报告编制、先进产品名录发布、自主创新产品评定、盾构及场段等领域产业规划研究。

Zhang Jianbo, graduated from Lanzhou Jiaotong University majoring in mechanical design, manufacturing and automation, with a bachelor's degree and a bachelor's degree in engineering. Senior engineer. Currently the deputy secretary-general of the Guangzhou Rail Transit Industry Alliance, concurrently the director of the Party-mass Comprehensive and Industrial Development Department and the secretary-general of the Emerging Industry Research Institute. Successively served as the deputy director of the Architecture Institute of the Design Institute of Guangzhou City Construction Investment Group and the director of the Development Department of the Land Development Company. Led a municipal design project to win the third prize of Guangzhou Excellent Engineering Design Award; Industrial expert in the special industry development fund project of the Guangzhou Municipal Bureau of Industry and Information Technology. Worked at the Guangzhou Municipal Development and Reform Commission; Participated in the preliminary research on general aviation, metro and intercity railway projects; Promoted the planning and layout of the rail transit industry; Participated in the compilation of the Three-Year Action Plan for the High-quality Development of the Guangzhou Rail Transit Industry (2022-2024), Evaluation, Promotion and Application Implementation Measures of Guangzhou Rail Transit Field Independent Innovation Product (Trial) and other policy documents. During the work of the industry alliance, mainly communicates with government departments, and is responsible for the work related to industrial research in various subdivisions of rail transit; Led the completion of the preparation of industrial development reports in the rail transit field, the release of advanced products list, the evaluation of independent innovative products, and the planning research in the industry in fields such as shield tunneling and field sections.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王子甲 / Wang Zijia

北京交通大学线路安全与防灾北京工程中心副主任

*Deputy director of Beijing Engineering Line Safety and Disaster Prevention Center,
Beijing Jiaotong University*



王子甲, 2013-2015, 先后在北京交通大学土木建筑工程学院, 英国 University College London 大学土木环境系从事研究工作; 2015-2017, 北京交通大学土木建筑工程学院, 城市轨道交通研究中心讲师; 2017-2023, 北京交通大学土木建筑工程学院, 城市轨道交通研究中心副教授; 2018.8-, 英国 University College London 大学土木环境系客座讲授课程: Urban Railways in Global Contexts; 2023-, 北京交通大学土木建筑工程学院, 城市轨道交通研究中心教授。2020 年北京市科技进步二等奖 (2/10); 2022 年中国城市轨道交通协会科技进步一等奖 (1/15)。

From 2013 to 2015: Successively engaged in research work in the School of Civil Engineering of Beijing Jiaotong University and the Department of Civil Environment of University College London; From 2015 to 2017: Lecturer, Urban Rail Transit Research Center, School of Civil Engineering, Beijing Jiaotong University; From 2017 to 2023: Associate professor, Urban Rail Transit Research Center, School of Civil Engineering, Beijing Jiaotong University; August 2018: Gave lesson on Urban Railways in Global Contexts as a guest lecturer at Department of Civil Environment, University College London, UK; 2023-, Professor, School of Civil Engineering, Beijing Jiaotong University. Won the second prize of Beijing Science and Technology Progress Award in 2020 (2/10); won the first prize of Science and Technology Progress Award of China Association of Metros in 2022 (1/15).

柏文锋 / Bai Wenfeng

广州地铁设计院工程监测和测绘分院副院长（主持工作）

*Vice president of Guangzhou Metro Design & Research Institute (standing),
Guangzhou Metro Design & Research Institute Co., Ltd.*



柏文锋, 正高级工程师, 广州市高层次人才, 广东省杰出工程勘察设计师。长期从事轨道交通保护、智能监测装备研发、地下安全、工程信息化研究。主持研发了基于测量机器人结构安全自动化监测技术等成套智能监测设备和综合监测管理平台。完成科研项目共计 13 项, 其中经科技成果鉴定达国际领先 4 项、国际先进 3 项。获得了华夏建设科学技术奖二等奖、中国测绘科技进步二等奖等 25 余项省部级奖项。授权国家发明专利 11 项、软著 7 项, 发表论文 19 篇。

Bai Wenfeng, senior engineer, High-level Talent in Guangzhou, and Outstanding Engineering Survey Designer in Guangdong Province. Has long been engaged in rail transit protection, intelligent monitoring equipment research and development, underground safety, and engineering informatization research. Presided over the research and development of a complete set of intelligent monitoring equipment and a comprehensive monitoring management platform based on the automatic monitoring technology of the structural safety of measuring robots. Completed a total of 13 scientific research projects, of which 4 are internationally leading and 3 are internationally advanced after the appraisal of scientific and technological achievements. Won more than 25 provincial and ministerial awards, including a second prize of Huaxia Construction Science and Technology Award and a second prize of China Surveying and Mapping Science and Technology Progress Award. Obtained 11 national invention patents, 7 works with soft copyright, and published 19 papers.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

史和平 / Shi Heping

上海嘉成轨道交通安全保障系统股份公司董事长

Chairman of Shanghai Jiacheng Rail Transit Safety Guarantee System Co., Ltd.



史和平，上海嘉成轨道交通安全保障系统股份公司董事长。担任上海市政协第十四届常委；中国城市轨道交通协会常务理事；上海市科技企业联合会副会长；上海市专精特新智能制造专业委员会副会长；北京交通大学校友会城市轨道交通行业分会副秘书长；苏州大学轨道交通学院客座教授。上海产业领军人才；上海市东方英才；常州市龙城英才。

Shi Heping, chairman of Shanghai Jiacheng Rail Transit Safety Guarantee System Co., Ltd. Titles and honors: Member of the 14th Standing Committee of the Shanghai CPPCC; Executive director of China Association of Metros; Vice president of Shanghai Association for Science and Tech; Vice president of Shanghai Specialized, Sophisticated, Distinctive, and Innovative Intelligent Manufacturing Professional Committee; Deputy secretary-general of Urban Rail Transit Industry Branch of Beijing Jiaotong University Alumni Association; Visiting professor of School of Rail Transportation, Soochow University; Shanghai Industry Leading Talents; Shanghai Oriental Talents; Changzhou City Talents.

陈林宝 / Chen Linbao

北京全路通信信号研究设计院集团有限公司城轨所副所长

*Deputy director of Urban Rail Transit Institute,
CRSC Research & Design Institute Group Co., Ltd.*



陈林宝，北京全路通信信号研究设计院集团有限公司工程设计研究院城轨工程设计所副所长，北方交通大学学士学位。毕业后从事城轨行业通信专业设计工作，先后承担北京、哈尔滨、南京、乌鲁木齐、杭州等城市多个项目设计总体的工作。近些年，在智慧城轨、5G、云数融合等方面承担了很多重大项目，并在中城协和南京地铁的领导下，主持编制城市轨道交通 5G 公网系列团体标准。

Chen Linbao, deputy director of Urban Rail Engineering Design Division, Engineering Design Institute, CRSC Research & Design Institute Group Co., Ltd. Bachelor's degree from Beijing Jiaotong University. After graduation, engaged in the design of communication in the urban rail industry, and has successively undertaken the overall design work of many projects in Beijing, Harbin, Nanjing, Urumqi, Hangzhou and other cities. In recent years, undertaken many major projects in smart urban rail, 5G, cloud-data integration, etc., and presided over the compilation of a series of group standards for urban rail transit 5G public and private networks under the leadership of China Urban Rail Transit Association and Nanjing Metro.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

段林 / Duan Lin

上海长合信息技术股份有限公司 CTO

Shanghai Charmhope Information Technology Co., Ltd. CTO



段林，上海长合信息技术股份有限公司 CTO。清华大学本硕连修，1991 年获清华大学硕士学位，毕业后在深圳市南宝电子有限公司与深圳泰科通信设备有限公司从事研发工作多年。后于 1998 年 ~ 2003 年在美国工作期间，出任 Digital Telecommunications Inc、CopperCom Inc 科研管理带头人。自 2003 年回国创业多年后加入上海长合信息技术股份有限公司。具有 30 余年丰富的通信领域技术研究和产品开发经验。

Duan Lin, CTO of Shanghai Charmhope Information Technology Co., Ltd. Obtained a master's degree from Tsinghua University in 1991 (Joined study of bachelor and master's degrees). After graduation, engaged in research and development in Shenzhen Nanbao Electronics Co., Ltd. and Shenzhen Tyco Communication Equipment Co., Ltd. for many years. From 1998 to 2003: Worked in the United States and served as the leader of scientific research management of Digital Telecommunications Inc and CopperCom Inc. Returned to China in 2003 and started a business for many years; and joined Shanghai Charmhope Information Technology Co., Ltd. Has more than 30 years of experience in technology research and product development in the field of communication.

张靖杰 / Zhang Jinjie

中国建筑科学研究院

北京构力科技有限公司产品总监

China Academy of Building Research

Beijing Glory PKPM Technology Co.,Ltd. Product Director



张靖杰，有丰富的建设领域数字化、信息经验，对交通领域数字化应用有丰富的工程实践经验。现任北京构力科技有限公司交通平台软件研发部产品总监，负责城市轨道交通行业相关产品的设计、研发工作。

Rich in digital and information experience in the field of construction, with abundant practical engineering experience in digital applications in the transportation field. Currently serving as the Product Director of the Transportation Platform Software R&D Department at Beijing Goulee Technology Co., Ltd., responsible for the design and research and development of related products in the urban rail transit industry.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

石杰红 / Shi Jiehong

中国安全生产科学研究院主任

China Academy of Safety Science and Technology Director



石杰红，国家安全生产专家组轨道交通行业专家、中国安全生产协会轨道交通建设专委会专家组成员、城市安全防护分会专家组成员、全国城市轨道交通标准化技术委员会委员。江西丰城电厂“11.24”事故、佛山地铁“2.7”事故、北京地铁车辆出轨、电扶梯事故、郑州地铁 7.21 淹水事件等事故调查组专家。主持和参与国家级课题项目 10 余项，先后获北京市科技进步一等奖等省部级一等奖 8 项、二等奖 2 项。参编国家标准 2 项，行业标准 3 项，地方标准 2 项，申请专利 46 项，发表论文 30 余篇，出版专著 2 部，软著 10 余项，负责国内轨道交通安全评估、评价、检测工作 200 余项。

An member in the rail transit industry of the National Work Safety Expert Group, member of the expert group of the Rail Transit Construction Committee of the China Association of Work Safety, member of the expert group of the Urban Safety Protection Branch of the China Association of Work Safety, and member of the National Urban Rail Transit Standardization Technical Committee. Member of the accident investigation expert team of the Jiangxi Fengcheng Power Plant accident(occurred on November 24, 2016), Foshan metro accident (occurred on February 7, 2018), Beijing metro vehicle derailment, escalator accident, Zhengzhou metro flooding accident (occurred on July 21, 2021) and other accidents. Presided over and participated in more than 10 national-level projects, and successively won 8 provincial and ministerial-level first prizes and 2 second prizes, including the first prize of Beijing Science and Technology Progress Award. Participated in the compilation of 2 national standards, 3 industry standards, 2 local standards; Applied for 46 patents, published more than 30 papers and 2 monographs; Owns more than 10 software works; Responsible for and completed more than 200 projects of domestic rail transit safety assessment, evaluation, and testing.

黄雷 / Huang Lei

上海电气泰雷兹交通自动化系统有限公司系统保障总监

*Thales SEC Transportation System Limited Company
Systems assurance director*



黄雷，上海电气泰雷兹交通自动化系统有限公司系统保障总监，长期从事城市轨道交通信号系统产品 RAMS 工作。从公司成立起，参与，负责 CBTC 系统产品研发及项目交付的系统功能安全工作。参与《城市轨道交通电气电子可编程电子安全相关系统功能安全完整性等级要求》团体标准》编审，并拥有多个信号系统相关技术发明专利。

Director of system support, Thales SEC Transportation System Limited Company, has been engaged in RAMS of urban rail transit signaling system products for a long time. Since the establishment of the company, participated in and be responsible for the system functional safety work of CBTC system product development and project delivery. Participated in the compilation and review of the *Group Standard for Functional Safety Integrity Grade Requirements for Electrical, Electronic, Programmable, and Electronic Safety-related Systems in Urban Rail Transit*, and obtained a number of technical invention patents related to signal systems.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

沈光亮 / Shen Guangliang

华为技术有限公司中国政企地铁行业总工

Huawei Technologies Co., Ltd

Chief Engineer of Metro Service, Huawei China Government-enterprise Business



沈光亮,2012 年加入华为公司,长期从事城市轨道交通行业解决方案工作,对行业发展理解深刻。参与过上海地铁、广州地铁、深圳地铁、呼和浩特、武汉地铁、西安地铁等城轨云建设,积累了丰富的行业知识。深度参与智慧城轨信息化的总体规范、技术规范、关键技术规范以及实用技术规范等,积极推动城轨信息化落地。在地铁行业需求转化和智慧城轨解决方案应用场景设计方面有深入理解。

Shen Guangliang, Joined Huawei in 2012 and has been working in urban rail transit industry solutions for a long time, with a profound understanding of industry development. He participated in construction of Huawei Cloud Solutions for Shanghai Metro, Guangzhou Metro, Shenzhen Metro, Hohhot Metro, Wuhan Metro, Xi'an Metro, etc., accumulating rich industry knowledge. Deeply participated in the overall specifications, technical specifications, key technical specifications, and practical technical specifications of smart urban rail informationization, and actively promoted the implementation of urban rail informationization. Shen Guangliang had an insightful understanding of requirement transformation in metro industry and design of application scenarios for smart urban rail solutions.

刘新根 / Liu Xingen

上海同岩土木工程科技股份有限公司副总经理

Shanghai Tongyan Civil Engineering Technology Co., Ltd.

Deputy general manager



刘新根,高级工程师,上海工匠,杨浦区“拔尖人才”,现任上海同岩公司副总经理,党支部书记,东南大学硕士研究生校外导师。主要从事地下基础设施数值仿真、智能检测软硬件研发工作,授权发明专利 28 件,发表论文学术 27 篇,著作 1 篇,参编团体标准 3 部,荣获中国公路学会特等奖、贵州省科技进步二等奖等省部级科技奖励 5 项。

Liu Xingen, senior engineer; won the title of “Shanghai craftsman”, “top-notch talent” in Yangpu District; Currently the deputy general manager and secretary of the party branch of Shanghai Tongyan Civil Engineering Technology Co., Ltd., and an off-campus tutor for postgraduates of Southeast University. Mainly engaged in the research and development of underground infrastructure numerical simulation, intelligent detection software and hardware; Has obtained 28 invention patents, published 27 academic papers, 1 book, participated in the compilation of 3 group standards; Won 5 provincial and ministerial science and technology awards, including the special prize of China Highway and Transportation Society, the second prize of Guizhou Provincial Science and Technology Progress.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

游玉石 / You Yushi

江苏省城市轨道交通运营安全技术研究中心 常务副主任

苏交科集团股份有限公司 城轨院副院长

*Jiangsu Urban Rail Transit Operation Safety Technology Research Center Executive deputy director
JSTI Group Vice president of Deputy Executive of Urban Construction & Railway Design Division*



游玉石，担任江苏省综合交通运输学会青年专家委员会副秘书长，江苏省城市轨道交通运营安全技术研究中心常务副主任。获中国公路学会科学技术二等奖 1 项，江苏省交通厅优秀科技成果二等奖 1 项、三等奖 1 项，江苏省优秀工程咨询一等奖 1 项，三等奖 3 项；获得 1 项授权发明专利、1 项实用新型专利；参加编制 3 项国家交通运输行业技术标准。

Deputy secretary-general of the Youth Expert Committee of Jiangsu Provincial Comprehensive Transportation Society, executive deputy director of Jiangsu Urban Rail Transit Operation Safety Technology Research Center. Won 1 second prize of Science and Technology Award of China Highway Society, 1 second prize and 1 third prize of Excellent Scientific and Technological Achievements Award of Jiangsu Provincial Department of Communications, 1 first prize and 3 third prizes of Jiangsu Excellent Engineering Consulting Award; Obtained 1 invention patent and 1 utility model patent; Participated in the compilation of 3 national transportation industry technical standards.

城轨数字化与安全论坛

——数智融通，安全筑底，城轨行业可持续发展

Urban Rail Transit Digitalization and Safety Forum

- Digital and Smart Integration, Safety as Foundation, for Sustainable Development of Urban Rail Transit Industry

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨人才培养论坛

——多元融合 推动城轨交通行业人才高质量可持续发展

Urban Rail Transit Talent Training Forum

- Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry

论坛架构 / FORUM STRUCTURE

论坛时间：2024 年 6 月 14 日 09:00-13:00

论坛地点：南京国际博览会议中心 3 层 南京 302

主办单位：中国城市轨道交通协会

承办单位：中国城市轨道交通协会文化和培训部

北京中城轨会展有限公司

协办单位：南京地铁集团有限公司

媒体支持：中国城市轨道交通协会官网城市轨道交通人才培养工作平台

中国城市轨道交通协会公众号、人民城轨媒体矩阵、《城市轨道交通》杂志、城轨讲堂

Time: June 14, 2024 09:00-13:00

Place: 302, Nanjing Hall, 3Rd floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Cultural Work Committee of China Association of Metros

Beijing Sino Urban Railway Expo Co., Ltd.

Co-organizer: Nanjing Metro Group Co., Ltd.

Medias: Official website of China Association of Metro, urban rail transit talent training work platform, WeChat account of China Association of Metro, media matrix of People's Metro, China Metros magazine, Urban Rail Classroom



论坛议程 / FORUM AGENDA

| | |
|-----|----------------------------|
| 主持人 | 城市轨道交通企业培训师代表邵澎涛、刘菲、陈波、张金玉 |
|-----|----------------------------|

一、领导致辞、签约

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|---------------------------------|------|---------------------------------------|
| 09:00-09:40 | 不负青春，不负韶华 ——为城轨交通新质生产力增添人才活力 | 周晓勤 | 中国城市轨道交通协会 常务副会长 |
| | 领导致辞 | 于百勇 | 南京地铁集团有限公司 总经理、党委副书记 |
| | 领导致辞 | 姚恩建 | 北京交通大学国际教育学院院长 |
| | 领导致辞 | 马伯夷 | 全国交通运输职业教育教学指导委员会副主任 城市轨道交通专业委员会主任 |
| | 校企合作签约仪式、合影留念 | | |

二、政策宣讲

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|-------------------------|------|-----------------------------------|
| 09:40-10:10 | 2024 年度城市轨道交通专业职称评审政策宣讲 | 杨广武 | 中国城市轨道交通协会专家学术委员会副主任 职称评审委员会主任 |

三、圆桌论坛

| | | | |
|-------------|--|--|--|
| 10:10-10:50 | 讨论嘉宾： 卢剑鸿 西安市轨道交通集团有限公司运营分公司党委副书记、总经理 曹国红 南京铁道职业技术学院党委委员、副院长 蓝亮文 北京京港地铁有限公司高级运营培训经理 赵宏宇 青岛地铁运营有限公司总工程师、青岛青铁教育咨询服务有限公司董事长、青岛东湖绿色 节能研究院有限公司董事长 李 运 无锡地铁教育科技发展有限公司董事长 | | |
|-------------|--|--|--|

论坛议程 / FORUM AGENDA

| 四、主题演讲 | | | |
|-------------|--|------|---|
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 10:50-11:10 | 数智赋能 ——南京地铁人力资源数字化管理创新课题分享 | 夏紫菱 | 协会“十四五”人才培养规划课题组 南京地铁集团有限公司人力资源部主管 |
| 11:10-11:30 | 北京地铁贯穿职业全生命周期人才培养体系的探索与实践 | 何彩虹 | 北京轨道人才发展有限公司副总经理 北京地铁公司党校副校长 |
| 11:30-11:50 | 高质量可持续推动城轨行业领军人才培养 | 黄 晨 | 北京交通大学非学历教育管理 办公室主任 |
| 11:50-12:10 | 校企双向赋能 产教协同育人 高层次技术技能人才培养的创新实践 | 倪 勇 | 浙江机电职业技术学院 智慧交通学院院长 |
| 12:10-12:30 | 校企一体谋发展，多元融合强育人——协会《城市轨道交通全自动运行线主要工种（岗位）人才培养研究报告》阶段性成果分享 | 袁嘉骏 | 协会《城市轨道交通全自动运行线主要工种（岗位）人才培养研究报告》课题组 成都轨道交通职业学院副院长 |
| 12:30-12:50 | 协会《城市轨道交通企业培训师培训手册》（教材）阶段性成果发布及下阶段规划 | 姚海玲 | 协会《城市轨道交通企业培训师培训手册》（教材）课题组 苏州市轨道交通集团有限公司 培训中心顾问 |
| 12:50-13:00 | 《城市轨道交通企业培训师能力标准与评价规范》新书发布暨城市轨道交通企业培训师能力提升行动倡议 | | |
| 会议结束 | | | |

城轨人才培养论坛

——多元融合 推动城轨交通行业人才高质量可持续发展

Urban Rail Transit Talent Training Forum

- Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry

论坛议程 / FORUM AGENDA

| | |
|------------|--|
| Moderators | Shao Pengtao, Liu Fei, Chen Bo, Zhang Jinyu, representatives of urban rail transit enterprise trainers |
|------------|--|

1. LEADERS DELIVER SPEECHES AND SIGN CONTRACTS

| TIME | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|--|--------------|--|
| 09:00-09:40 | Seize the day and live it to the fullest —Providing talent to create the new quality productivity of urban rail transit | Zhou Xiaoqin | China Association of Metros Executive Vice Presiden |
| | Leaders' speech | Yu Baiyong | Nanjing Metro Group Co., Ltd. General manager and deputy secretary of the Party Committee |
| | Leaders' speech | Yao Enjian | International Exchange Department Director of Beijing Jiaotong University |
| | Leaders' speech | Ma Boyi | Vice president of China Association of Metros Vice president of Beijing Jiaotong University |
| | School-enterprise cooperation signing ceremony, group photo | | |

2. POLICY PRESENTATION

| TIME | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|--|--------------|---|
| 09:40-10:10 | Policy presentation of 2024 urban rail transit professional title evaluation | Yang Guangwu | China Association of Metros Deputy director of Experts and Academic Committe Director of Professional Title Evaluation Committee |

3. ROUNDTABLE FORUM

| | | | |
|-------------|---|--|--|
| 10:10-10:50 | <p>Guests for discussion:</p> <p>Lu Jianhong Deputy secretary of the Party Committee and general manager of the Operation Branch of Xi'an Rail Transit Group Co., Ltd.</p> <p>Cao Guohong Member of the Party Committee and vice president of Nanjing Vocational Institute of Railway Technology</p> <p>Lan Liangwen Senior operation training manager of Beijing MTR Corporation Limited</p> <p>Zhao Hongyu Chief engineer of Qingdao Metro Operation Co., Ltd., chairman and general manager of Qingdao Qingtie Education Consulting Service Co., Ltd., chairman of Qingdao Donghu Green Energy Conservation Research Institute Co., Ltd.</p> <p>Li Yun Chairman and general manager of Wuxi Metro Education Technology Development Co., Ltd.</p> | | |
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论坛议程 / FORUM AGENDA

4. KEYNOTE SPEECHES

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|--|-------------|---|
| 10:50-11:10 | Digital Intelligence Empowerment—Human Resources Digital Management Innovation Topic of Nanjing Metro | Xia Ziling | Member of the project research team of "14th Five-Year Plan" Talent Training Planning Research Group of China Association of Metros Nanjing Metro Group Co., Ltd. HR department manager of Nanjing Metro Group |
| 11:10-11:30 | The Exploration and Practice of Beijing Subway's Personnel Training System Throughout the Career Life Cycle | He Caihong | Deputy General Manager of Beijing Rail Talent Development Co., Ltd. Vice President of Beijing Subway Party School |
| 11:30-11:50 | Promoting the cultivation of leading talents in the urban rail transit industry with high quality and sustainability | Huang Chen | Director of the Office of Non-academic Education Management, Beijing Jiaotong University Director of the Office |
| 11:50-12:10 | School-enterprise two-way empowerment, industry-education collaborative education: an innovative practice in the cultivation of high-level technical and skilled talents | Ni Yong | Zhejiang Institute of Mechanical and Electrical Engineering Dean of Intelligent Transportation School |
| 12:10-12:30 | Seeking development through school-enterprise integration, culture talent with multi-integration—staged achievements of the "Research Report on Talent Training for Main Types of Work (Posts) of Urban Rail Transit Fully Automatic Operation Lines" of China Association of Metros | Yuan Jiajun | Member of the project research team of the Research Report on Talent Training for Main Types of Work (Posts) of Urban Rail Transit Fully Automatic Operation Lines" Vice president of Chengdu Institute of Rail Transit |
| 12:30-12:50 | Release of the phased results and the next phase planning of the "Urban Rail Transit Enterprise Trainer Training Textbook" (teaching material) of China Association of Metros | Yao Hailing | Member of the project research team of "Urban Rail Transit Enterprise Trainer Training Textbook" (teaching material) of China Association of Metros Consultant of Training Center of Suzhou Rail Transit Group Co., Ltd. |
| 12:50-13:00 | Release of the new book <i>Competence Standards and Evaluation Specifications for Urban Rail Transit Enterprise Trainers</i> and the Action Initiative for Improving the Competence of Urban Rail Transit Enterprise Trainers | | |

End of the meeting

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

周晓勤 / Zhou Xiaoqin

中国城市轨道交通协会常务副会长

China Association of Metros Executive vice president



周晓勤，1983.3 - 1988.12 北京铁路分局电子计算所工程师；1988.12 -2017.2 中国国际工程咨询公司；历任：交通项目部铁道处工程师、副处长、处长、高级工程师，交通产业发展部副主任、主任，教授级高工；2017.3- 现在任中国城市轨道交通协会常务副会长。

Zhou Xiaoqin, Mar. 1983-Dec. 1988 Engineer at Electronic Computing Institute, Beijing Railway Bureau. Dec. 1988 - Feb. 2017 China International Engineering Consulting Corporation. Served the following posts successively in China International Engineering Consulting Corporation: Engineer, deputy director, director, senior engineer of Railway Division of Transportation Project Department, deputy director and director of Transportation Project Department, director of Transportation Business Department and professor-level senior engineer. Mar. 2017- now Executive deputy president of China Association of Metros.

于百勇 / Yu Baiyong

南京地铁集团有限公司总经理、党委副书记

*Nanjing Metro Group Co., Ltd.
General manager and deputy secretary of the
Party Committee*



于百勇，中共党员，东南大学工学博士，研究员级高级工程师，现任南京地铁集团有限公司总经理、党委副书记。深耕轨道交通管理二十多年，长期负责城市轨道交通工程建设、运营管理、资源开发经营、综合管理工作，曾荣获城市轨道交通科技进步一等奖、江苏省科技进步二等奖、中国优秀测绘工程金奖等十多项行业重要荣誉奖项，积极推动南京地铁城轨技术自主化、网络化、智慧化发展，主持了多个大型项目落地，在城轨行业内发挥着重要影响。

Yu Baiyong, a member of the Communist Party of China. He holds a PhD in Engineering from Southeast University, researcher-level senior engineer. He is the general manager and deputy secretary of the Party Committee of Nanjing Metro Group Co., Ltd. He has been deeply involved in rail transit management for more than 20 years and responsible for urban rail transit engineering construction, operation management, resource development and management, comprehensive management. He has won more than ten industry honorary awards and actively promoted the independent, networked and intelligent development of Nanjing Metro urban rail technology. He plays an important role in the urban rail industry.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

姚恩建 / Yao Enjian

北京交通大学国际教育学院院长

President of the School of International Education, Beijing Jiaotong University



姚恩建，北京交通大学交通运输学院教授，博导，国际教育学院院长。WTC 运输规划学部主席，教育部高等学校交通工程教学指导分委员会副主任委员，交通部综合交通运输大数据应用技术行业重点实验室主任，都市轨道交通编委会副主任，国务院政府特殊津贴专家。主要从事综合交通规划与管理、智能交通、低碳交通等方面的教学和科研工作。获北京市科学技术进步奖二等奖、中国交通运输协会科学技术奖一等奖、中国城市轨道交通科技进步奖一等奖，中国智能交通协会科学技术奖一等奖等奖励，入选爱思唯尔 2023“中国高被引学者”榜单，获十佳全国公路优秀科技工作者、宝钢优秀教师、北京市优秀教师等荣誉。

Yao Enjian, professor, doctoral supervisor of School of Transportation of Beijing Jiaotong University, and dean of the School of International Education of Beijing Jiaotong University. Chairman of the Transportation Planning Department of WTC, vice chairman of the Transportation Engineering Teaching Guidance Sub-Committee of the Ministry of Education, director of the Key Laboratory of Comprehensive Transportation Big Data Application Technology Industry of the Ministry of Communications, deputy director of the Editorial Committee of Urban Rail Transit, and expert with special government allowances of the State Council. Mainly engaged in teaching and scientific research in comprehensive transportation planning and management, intelligent transportation, and low-carbon transportation. Won the second prize of Beijing Science and Technology Progress Award, the first prize of China Communications and Transportation Association Science and Technology Award, the first prize of China Association of Metros Science and Technology Progress Award, the first prize of China Intelligent Transportation Association Science and Technology Award and other awards; and was listed as Elsevier 2023 "China Highly Cited Scholars"; and won honors such as Top Ten National Highway Excellent Scientific and Technological Workers, China Baowu Steel Excellent Teachers, and Beijing Excellent Teachers.

城轨人才培养论坛

——多元融合 推动城轨交通行业人才高质量可持续发展

Urban Rail Transit Talent Training Forum

- Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

马伯夷 / Ma Boyi

全国交通运输职业教育教学指导委员会副主任

城市轨道交通专业委员会主任

Deputy director of National Transportation Vocational Education and Teaching Steering Committee

Director of Urban Rail Transportation Professional Committee



马伯夷，2010.10 至 2011.11 北京交通运输职业学院副院长；2011.11 至 2013.06 北京市交通宣传教育中心主任；2013.06 至 2018.12 北京市交通委员会运输管理局副局长；2018.12 至 2021.9 北京交通运输职业学院党委书记、院长；2021.09 至 2022.11 北京交通运输职业学院院长；2020.8 至今全国交通运输职业教育教学指导委员会副主任、城市轨道交通专业委员会主任。所撰写的《超大城市停车管理发展策略研究》获得市级行业研究成果一等奖。

Ma Boyi, October 2010 - November 2011 Deputy dean of Beijing Vocational College of Transport; November 2011 - June 2013 Director of Beijing Transportation Publicity and Education Center; June 2013 - December 2018 Deputy director of Transportation Administration Bureau of Beijing Municipal Commission of Transport; December 2018 - September 2021 Secretary of the Party Committee and dean of Beijing Vocational College of Transport; September 2021 - November 2022 President of Beijing Vocational College of Transport; August 2020 - present Deputy director of National Transportation Vocational Education and Teaching Steering Committee, director of Urban Rail Transportation Professional Committee. Research on the Development Strategy of Parking Management in Megacities written by him won the first prize of Beijing Municipal Industry Research Award.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

杨广武 / Yang Guangwu

中国城市轨道交通协会专家学术委员会副主任

职称评审委员会主任

China Association of Metros

Deputy director of the Experts and Academic Committee

Director of Professional Title Evaluation Committee



杨广武，教授级高工，博士，原北京市重大项目建设办公室总工程师，现任中国城市轨道交通协会专家和学术委员会副主任，北京市轨道交通协会常务副会长。从事城市轨道交通工作，历任北京地铁建设管理有限责任公司技术部副部长、北京市交通委员会轨道建设处处长、轨道养护处处长、北京市轨道建设指挥部办公室常务副主任，北京市重大项目建设指挥部总工程师，负责组织协调推进北京市轨道交通建设。主持编写完成城市轨道交通 20 余部地标、行标和部门规章，如《北京市城市轨道交通安全运营管理办法》、《北京市城市轨道交通工程质量验收标准》等。制定城市轨道交通工程的风险分级控制方法，同时发明了主动支护穿越技术。国内率先主持推动轨道交通全自动驾驶技术，并在北京获得应用。2015 年力推职称评审中增加城市轨道交通专业，增设城市轨道交通 4 个专业，8 个子专业领域。2019 年，推动国家人社部批准协会开展城市轨道交通专业职称评审试点工作，为城市轨道交通专业技术人员技术进步提供了上升通道。

Yang Guangwu, native of Beijing, professor-level senior engineer, doctor, former chief engineer of Beijing Major Project Construction Office, currently an expert and deputy director of the Experts and Academic Committee of China Association of Metros, executive deputy president Beijing Society of Metros Science and Technology. Engaged in urban rail transit work, successively served as deputy director of the technology department of Beijing Metro Construction Management Co., Ltd., director of the rail construction department of the Beijing Municipal Transportation Commission, director of the rail maintenance division, executive deputy director of the Beijing Rail Construction Headquarters Office, and chief engineer of Beijing Major Projects Construction Headquarters; responsible for organizing and coordinating the promotion of Beijing rail transit construction. Presided over the compilation and completion of more than 20 local and industry standards and departmental regulations of urban rail transit, such as Beijing Urban Rail Transit Safe Operation Management Measures, Beijing Urban Rail Transit Project Quality Acceptance Standards, etc. Prepared the risk classification control method of urban rail transit engineering, and invented the active support crossing technology. Took the lead in promoting the application of fully automatic driving technology of rail transit in Beijing. In 2015, proposed the addition of urban rail transit majors in the evaluation of professional titles, and added 4 majors and 8 sub-professional fields of urban rail transit. In 2019, supported the Ministry of Human Resources and Social Security to approve the China Association of Metros to carry out the pilot work of urban rail transit professional title evaluation, providing a development channel for urban rail transit professional and technical personnel.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

卢剑鸿 / Lu Jianhong

西安市轨道交通集团有限公司运营分公司党委副书记、总经理

Operating Branch, Xi'an Rail Transit Group Co., Ltd

Deputy secretary of the Party Committee and general manager



卢剑鸿，现任西安市轨道交通集团运营分公司总经理，正高级工程师，兼任长安大学校外兼职硕士研究生导师，中国城市轨道交通协会运营管理专业委员会副秘书长，西安市科技专家库专家。长期从事轨道交通运营管理工作，在轨道交通运营管理方面有资深的管理实践经验，曾获省部级创新成果奖 8 项，参编行业标准、地方标准 2 项，主持和参与编写专著 7 部，发表论文 10 余篇，获得国家发明专利、实用新型专利 10 余项。

Lu Jianhong, is currently the General Manager and Senior Engineer of the Operations Branch of Xi'an Rail Transit Group. He also serves as a part-time master's supervisor outside Chang'an University, Deputy Secretary General of the Operations Management Professional Committee of the China Urban Rail Transit Association, and an expert in the Xi'an Science and Technology Expert Database. I have been engaged in rail transit operation and management for a long time, with senior management experience in rail transit operation and management. I have won 8 provincial and ministerial level innovation achievement awards, participated in the compilation of 2 industry and local standards, led and participated in the writing of 7 monographs, published more than 10 papers, and obtained more than 10 national invention patents and utility model patents.

曹国红 / Cao Guohong

南京铁道职业技术学院党委委员、副校长

Nanjing Vocational Institute of Railway Technology(NVIRT) vice-principal



曹国红，南京铁道职业技术学院副校长、中国职教学会智能轨道交通专业委员会秘书长、江苏省交通运输职业教育行业指导委员会轨道交通类专业委员会主任。国家“双高”专业群建设负责人；国家级专业资源库执行负责人；国家精品在线开放课程《列车调度指挥》负责人；国家教学成果二等奖获得者。

Cao Guohong, Vice-principal of Nanjing Vocational Institute of Railway Technology(NVIRT), Secretary General of Intelligent Rail Transit Professional Committee of China Vocational Education Association, and Director of Rail Transit Professional Committee of Jiangsu Transportation Vocational Education Industry Steering Committee. Head of national "double high"(high-level characteristic) professional groups construction;Executive director of national professional teaching resource database; Head of the national intensive online open course "Train Dispatching and Command";Second Place of National Teaching achievement Award.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

蓝亮文 / Lan Liangwen

北京京港地铁有限公司高级运营培训经理

Beijing MTR Corporation Limited Senior operation training manager



蓝亮文，1993 年 -2001 年，在上海铁路局从事工务和科研工作，先后荣获上海市优秀青年突击队员和上海铁路局十佳青年。参与铁路局重点课题“轨道检查车改进”，该项目获上海市科技进步一等奖和铁道部科技进步二等奖。2001 年 -2017 年，在上海磁浮交通公司从事磁浮运营、培训和技术管理工作，担任技术委员会副主任。期间荣获申通集团优秀科研者、申通集团优秀培训者。2017 年 -2003 年，在上海申通轨道交通咨询公司从事 FAO 运营咨询，担任首席技术总监。先后荣获申通集团科技先锋、申通集团优秀干部，领衔项目获上海市咨询三等奖。2003 年 6 月至今，在北京京港地铁有限公司从事运营培训工作，担任高级运营培训经理。

Lan Liangwen, From 1993 to 2001, engaged in public works and scientific research work in Shanghai Railway Bureau, and was awarded the Shanghai Outstanding Young Commando and the Top Ten Young People of Shanghai Railway Bureau. Participated in the key project of "Improvement of Track Inspection Cars" of the Shanghai Railway Bureau, which won the first prize of Shanghai Science and Technology Progress Award and the second prize of the Ministry of Railways Science and Technology Progress Award. From 2001 to 2017, engaged in maglev operation, training and technical management in Shanghai Maglev Transportation Development Co., Ltd., and served as the deputy director of the technical committee. During the period, he was awarded the Excellent Researcher of Shentong Group and the Excellent Trainer of Shentong Group. From 2017 to 2003, engaged in FAO operation consulting in Shanghai Shentong Rail Transit Consulting Company as the chief technical director. He has successively won the Science and Technology Pioneer of Shentong Group and the Excellent Cadre of Shentong Group, and the led projects which won the third prize of Shanghai Consulting Award. Since June 2003, he has been engaged in operation training in Beijing MTR Corporation Limited as a senior operation training manager.

城轨人才培养论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

赵宏宇 / Zhao Hongyu

青岛地铁运营有限公司总工程师

青岛青铁教育咨询服务有限公司董事长

青岛东湖绿色节能研究院有限公司董事长

Qingdao Metro Operation Co., Ltd. Chief

Qingdao Qingtie Education Consulting Service Co., Ltd. Engineer

Qingdao Donghu Green Energy Conservation Research Institute Co., Ltd. man/Chairman



赵宏宇，硕士学位，高级工程师。从事轨道交通行业至今近 19 年，现任青岛地铁运营有限公司总工程师、青岛青铁教育咨询服务有限公司董事长、青岛东湖绿色节能研究院有限公司董事长。在核心期刊发表多篇论文；参与《地铁轨道动态检测数据管理分析系统及其方法》等多项专利研发；参与的多项科研项目先后荣获山东省交通工程创新创业大赛二等奖及青岛市智慧城市百佳典型案例等奖项；2022 年获聘交通运输部科学研究院“城市轨道交通运营专家库”专家。

Zhao Hongyu, master's degree, senior engineer. He has been engaged in the rail transit industry for nearly 19 years. He currently serves as the chief engineer of Qingdao Metro Operation Co., Ltd., the chairman of Qingdao Qingtie Education Consulting Service Co., Ltd. and the chairman of Qingdao Donghu Green Energy Conservation Research Institute Co., Ltd. He has published many papers in core journals and participated in the development of many patents, such as "Dynamic Detection Data Management and Analysis System and Method for Metro Tracks"; He has also been involved in a number of scientific research projects, which have won awards such as the second prize of Shandong Traffic Engineering Innovation and Entrepreneurship Competition and the top 100 smart city typical cases of Qingdao. In 2022, he was appointed as an expert in the "Urban Rail Transit Operation Expert Database" by the Scientific Research Institute of the Ministry of Transport.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李运 / LI Yun

无锡地铁教育科技发展有限公司董事长

Wuxi Metro Education Technology Development Co., LTD Chairman



李运，无锡地铁教育科技发展有限公司董事长，高级经济师，城轨行业企业培训师能力标准与评价规范课题组长。多年本科院校筹备及专业类人才培养经验，丰富的轨道交通、工程建设、安全管理等多领域人才培养与发展经验。对内构建基于胜任力模型的轨道交通关键岗位学习地图，通过技能标准、育人标准、评价标准及课程体系的落地，助力企业内部人才培养；对外向多个轨交同行输出人才培养标准化产品，输出咨询类服务，并开展无锡市建筑产业工人职业技能提升行动；建设基于人才培养体系的智慧学习平台，助力人才培养的数字化转型。

Li Yun, Chairman of Wuxi Metro Education Technology Development Co., LTD., senior Economist, leader of the research group on Competence and Evaluation Standards for corporate trainers in urban rail industry. With extensive experience in undergraduate institution preparation and professional talent cultivation over many years, Li has accumulated rich expertise in talent development across various domains such as urban rail transit, engineering construction, and safety management.

Internally, he has constructed a learning map based on competency models for key positions in urban rail transit. This includes implementing skill standards, educational standards, evaluation criteria, and curriculum systems to support internal talent development within the company. Externally, Li has provided standardized talent development products to multiple peers in the rail transit industry while also offering consulting services. Additionally, he has spearheaded the Wuxi Construction Industry Workers' Vocational Skills Improvement Action. Furthermore, Li has established a smart learning platform based on the talent development system to facilitate digital transformation within talent development processes.

夏紫菱 / Xia Ziling

南京地铁集团有限公司人力资源部主管

Nanjing Metro Group HR department manager



夏紫菱，南京地铁集团公司人力资源部主管，南京大学管理学硕士，高级人力资源管理师，主要从事人才培养、校企合作、人力资源数字化等工作，近十年丰富的人力资源管理工作经历，先后负责了集团员工培训体系、1+X 证书试点、地铁网络学院及人力资源数字化建设等多个项目，全程参与城轨协会十四五人才培养规划课题。

Xia Ziling, HR department manager of Nanjing Metro Group, Master of Management from Nanjing University, senior human resources manager, engaged in talent training, school-enterprise cooperation, human resources digitalization. She has nearly ten years of professional experience in human resources. She has been responsible for Nanjing Metro Group training system, 1+X certificate pilot, Metro Network Academy and human resources digital construction. She has participated in the urban rail transit associations 14th Five-Year Plan for talent training.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

何彩虹 / He Caihong

北京轨道人才发展有限公司 副总经理

北京地铁公司党校副校长

*Deputy General Manager of Beijing Rail Talent Development Co., Ltd.
Associate Dean of the Party School of Beijing Subway*



何彩虹，北京轨道人才发展有限公司副总经理、北京地铁公司党校副校长，负责职业培训、人才服务和联合办学等工作。从业以来，先后在公立学校、组织部从事教育和人才培养相关工作，实践经验丰富，理论基础深厚。目前聚焦于北京地铁人才队伍建设，构建了具有北京地铁特色和优势的“三支队伍”人才培养平台。

He Caihong, As Deputy General Manager of Beijing Rail Talent Development Co., Ltd and Associate Dean of the Party School of Beijing Subway, He Caihong supervises company business on vocational training, talent services and cooperative education. Deeply engaged in work related to education and personnel training in public schools and organization department since the beginning of her career, she has accumulated abundant practice experience and has laid profound theoretical foundation. Currently, He Caihong has been fully devoted in the talent development and has built a platform for the 'Three Teams' of talent with distinctive Beijing Subway feature.

城轨人才培养论坛

——多元融合 推动城轨交通行业人才高质量可持续发展

Urban Rail Transit Talent Training Forum

- Pluralistic Integration, for Promoting High-quality and Sustainable Development of Talents in Urban Rail Transit Industry

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黄晨 / Huang Chen

北京交通大学非学历教育管理办公室主任

Beijing Jiaotong University Director of Non Academic Education Management Office



黄晨，北京交通大学非学历教育管理办公室主任，毕业于北京交通大学，经济学博士，副研究员，中国软科学研究会第六届理事，北京交通大学女教授协会第六届理事。先后从事北京交通大学教育基金会及非学历教育管理工作。熟悉高校人才培养规律及科学研究的方法路径，担任教育部、民政部评审专家，主持参与科研 40 余项，省部级以上 20 余项；发表论文 14 篇，获全国高校教育基金会先进个人 2 项，全国高校基金会优秀论文二等奖，北京市第十七届哲学社会科学优秀成果奖。

Huang Chen, female, director of the Non Degree Education Management Office at Beijing Jiaotong University. Graduated from Beijing Jiaotong University with a Ph.D. in Economics, Associate Researcher, 6th Director of the China Soft Science Research Association, and 6th Director of the Women Professors Association at Beijing Jiaotong University. I have successively worked in the Education Foundation of Beijing Jiaotong University and non degree education management. Familiar with the laws of talent cultivation in universities and the methods and paths of scientific research, serving as evaluation experts for the Ministry of Education and the Ministry of Civil Affairs, leading and participating in more than 40 scientific research projects, and more than 20 projects at the provincial and ministerial level; He has published 14 papers, won 2 exemplary individual of the National University Education Foundation, won the second prize of the National University Foundation for Outstanding Papers, and won the 17th Beijing Philosophy and Social Sciences Outstanding Achievement Award.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

倪勇 / Ni Yong

浙江机电职业技术学院智慧交通学院院长

*Zhe Jiang Institute Of Mechanical & Electrical Engineering School of Intelligent Transportation
Dean*



倪勇，2002 年，从企业到学校后，历任浙江机电职业技术学院电子信息系主任、高教所所长、智慧交通学院院长等职。主持建设浙江省高等学校省级教学团队（应用电子技术教学团队），主持建设浙江省首批特色专业（汽车电子技术专业），主持建设浙江省特色专业（城市轨道交通机电技术专业），主持建设微电子技术专业国家教学资源库子项目（工程制图课程开发）和无人机应用技术专业国家教学资源库子项目（无人机电子技术基础）。曾任 2 届工业和信息化职业教育教学指导委员会委员，目前任中国职教学会教学工作委员会电子信息类专业教学研究会常务理事，全国高等院校计算机基础教育研究会高职高专专委会副理事长。

Ni Yong, In 2002, following the transition from the enterprise to the school, he assumed various roles at Zhejiang Mechanical, Electrical Vocational and Technical College, including Director of the Electronic Information Department, Director of Higher Education Institute and Dean of the Smart Transportation College. He played a pivotal role in establishing a provincial-level teaching team in Zhejiang's higher education institutions (Applied Electronic Technology Teaching Team), pioneering the development of Zhejiang's first batch of featured majors (the Automotive Electronic Technology), spearheading the development of Zhejiang's featured major (Urban Rail Transit Electromechanical Technology) and initiating sub-projects in the National Teaching Resource Library for the Microelectronics Technology major (Engineering Graphics Course Development) and the Unmanned Aerial Vehicle Application Technology major (Basic Unmanned Aerial Vehicle Electronic Technology). He has served as a member of the Vocational Education Teaching Guidance Committee of the Ministry of Industry and Information Technology for two terms. Currently, he holds the position of Executive Director of the Teaching and Research Association for Electronic Information Majors of the China Vocational Education Association and serves as the Vice Chairman of the Vocational Education Committee of the National Association for Computer Basic Education in Higher Vocational Colleges.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

袁嘉骏 / Yuan Jiajun

成都轨道交通职业学院副院长

Chengdu Institute of Rail Transit vice president



袁嘉骏，现任成都轨道交通职业学院副院长，从事轨道交通行业工作近二十年，经历轨道交通建设、运营、教育培训等多个岗位，历任成都地铁运营技术室主任、通号中心副主任、维保公司副总经理等职位，长期从事一线生产组织管理，对轨道交通技能人才培养积累了大量实践经验，参与了《成都地铁信号工》、《成都地铁通信工》等通用教材的编制与出版，组织建立了成都地铁运营的大量技术标准体系，深度参与了十余项智慧城轨相关科研、五小项目的研发工作。在担任成都轨道交通职业学院副院长期间，继续围绕城轨人才培养，尤其是新形势下智慧城轨人才的培训与发展，对接城轨协会，参与和推动《轨道交通行业各工种岗位技能标准》、《全自动运行线路岗位技能标准》等标准的编制，并组织开展了超过十万人天的技能人才培养工作，获得集团和行业好评。

Yuan Jiajun, is currently the vice president of Chengdu Institute of Rail Transit, engaged in rail transit industry for nearly 20 years, and has experienced many positions such as rail transit construction, operation, education and training. He has served as the director of Technical Department of Chengdu Metro Operation Co., Ltd, the deputy director of Communication&signal Center, and the deputy general manager of Maintenance Company. He has been engaged in front-line production organization and management for a long time and has accumulated a lot of practical experience in the training of rail transit skilled personnel. He participated in the compilation and publication of general teaching materials such as Chengdu Metro Signal Workers and Chengdu Metro Communication Workers, organized and established a large number of technical standard systems for Chengdu Metro operation, and deeply participated in the research and development of more than ten smart metro transit-related projects and five small projects. During his tenure as the vice president of Chengdu Institute of Rail Transit, he continued to focus on the training and development of metro talents, especially smart metro talents under the new situation, docked with China Association of Metros, participated in and promoted the compilation of standards such as Post Skills Standards for Various Jobs in Metro Industry and Post Skills Standards for Fully Automatic Operation Lines, and organized the training of skilled talents for more than 100,000 days, which was well received by Chengdu Rail Transit Group Co., Ltd. and Metro industry.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

姚海玲 / Yao Hailing

苏州市轨道交通集团有限公司培训中心顾问

Suzhou Rail Transit Group Co., Ltd. Consultant of Training Center



姚海玲，在苏州电视机厂、飞利浦消费电子有限公司、纳尔科（化学）公司、苏州市轨道交通集团有限公司等企业，有超 20 年人力资源管理工作经历和超 10 年轨道工程建设管理工作经历。熟悉外企、国企人力资源的开发与管理，有较强的把握能力。能够围绕公司战略目标，挖掘和培养员工的凝聚力，创造力，自律能力。助力企业培育又专又博、底蕴深厚的管理团队和专业化职工队伍。

Yao Hailing, once worked at Suzhou TV Factory, Philips Consumer Electronics Co., Ltd., Nalco (Chemical) Co., Ltd., Suzhou Rail Transit Group Co., Ltd. and other enterprises, and has more than 20 years of experience in human resource management and more than 10 years of experience in rail engineering construction management. Master the development and management of human resources in both foreign and state-owned enterprises. Able to tap and cultivate the cohesion, creativity and self-discipline of employees to realize a company's strategic goals. Helps enterprises cultivate a professional, extensive and profound management team and professional workforce.

邵澎涛 / Shao Pengtao

北京京港地铁有限公司工程培训经理

Beijing MTR Corporation Limited Engineering Training Manager



邵澎涛，北京京港地铁有限公司工程培训经理，负责京港地铁工程专业员工培训管理工作。从事运营培训体系、职业技能鉴定体系建设实施；实训基地设计、建设实施；校企合作订单班培养等相关培训工作。

Shao Pengtao, the Engineering Training Manager of Beijing MTR Co., Ltd. He is responsible for the training and management of professional employees in engineering. Engage in the construction and implementation of operational training systems and vocational skills appraisal systems; Design, construction and implementation of practical training bases; Training related to school and enterprise cooperation order class etc.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘菲 / Liu Fei

无锡地铁教育科技发展有限公司人才发展中心部长
Wuxi Metro Education Technology Development Co., Ltd
Director of the Talent Development Center



刘菲，无锡地铁教育科技发展有限公司人才发展中心部长，高级人力资源管理师、国家二级心理咨询师、一级职业培训师；新华报业《培训》杂志特约作者，中国企业培训咨询机构服务能力标准建设工程评审委员会评委，多届中国企业微课大赛全国赛区评委；《城市轨道交通企业培训师能力标准与评价规范》课题组组长单位主要成员。多年人力资源管理、人才培养工作经验，专注于学习发展体系搭建与教学资源开发、培训产品体系构建与学习项目设计、师资队伍建设与赛事策划、关键人才培养项目运营与评鉴交付等工作领域。

Liu Fei, Director of the Talent Development Center of Wuxi Metro Education Technology Development Co., Ltd., Senior Human Resources Manager, National Level 2 Psychological Counselor, First level vocational trainer. Special author of "Training" magazine by Xinhua News Agency, member of the Evaluation Committee for the Construction of Service Capability Standards for Chinese Enterprise Training Consulting Institutions, and member of the National Division of Multiple Chinese Enterprise Micro Course Competitions; Main members of the research group leader and unit of the "Standards and Evaluation Standards for Trainers in Urban Rail Transit Enterprises". Years of experience in human resource management and talent cultivation, focusing on the construction of learning and development systems and the development of teaching resources, the construction of training product systems and the design of learning projects, the construction of teaching staff and event planning, and the operation and evaluation delivery of key talent cultivation projects.

陈波 / Chen Bo

南京地铁运营有限责任公司宣传干事
Nanjing Metro Operation Co., Ltd. Publicity Officer



陈波，中共党员，毕业于大连交通大学，2011年入职南京地铁运营有限责任公司，先后从事乘务车队技术管理工作10年，党委办公室宣传工作近4年，现为企业高级讲师，企业内部讲师评审专家，曾两次获得全国轨道交通行业“我是城轨好讲师”大赛一等奖，获得2023年中国第十一届“我是好讲师”系列大赛全国总决赛三十强。

Chen Bo, a member of the Communist Party of China, graduated from Dalian Jiaotong University. In 2011, she joined Nanjing Metro Operation Co., LTD., and has been engaged in the technical management of crew fleet for 10 years, and the publicity work of Party Committee office nearly 4 years. Now she is a senior lecturer in the enterprise and an expert in the evaluation of internal lecturers. She has twice won the first prize of the National rail transit industry "I am a Good Lecturer" competition, and won the top 30 national finals of the 11th "I am a Good Lecturer" series competition in China in 2023.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张金玉 / Zhang Jinyu

西安市轨道交通集团有限公司运营分公司培训师
*Operation Branch of Xi'an Rail Transit Group Co.Ltd
 Enterprise Trainer*



张金玉，先后荣获西安市建设交通工会“讲述红色故事”主题竞赛“一等奖”、西安市“铸忠诚、话廉洁、勇担当”主题演讲竞赛“最具潜力奖”、西安市直属机关工作委员会第六届“讲述行业故事”诗歌朗诵比赛“三等奖”。先后主持、讲解各类活动上百余次，包括担任“城市轨道交通企业培训师教学能力提升专题研讨会”主持人、担任乌兹别克斯坦外宾接待讲解、为全国安全标准化班组创建进行演讲，积攒了丰富的工作经验，能充分胜任各类大型活动的主持。

Zhang Jinyu, was awarded “First Prize” in the theme speech competition “Telling Red Stories” of Xi'an Construction and Transportation Labor Union, the “Most Potential Prize” in the theme speech competition of “Casting Loyalty, Talking about Integrity and Taking Charge” of Xi'an Municipal Government; “Third Prize” of the sixth poetry recitation competition “Telling Industry Stories” of Xi'an Municipal Working Committee of Organs directly under the Municipality of Xi'an. I have hosted and delivered lectures more than a hundred times, including being the host of the “Seminar on Improving the Teaching Ability of Trainers in Urban Rail Transit Enterprises”, delivering lectures for the reception of foreign guests in Uzbekistan, and delivering lectures on the creation of national safety standardized work teams; I have accumulated a wealth of work experience, and I am fully capable of hosting all kinds of large-scale activities.

城轨人才培养论坛

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2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨运营管理专业论坛 ——创建服务品牌、提升服务效能

*Urban Rail Transit Operation and Management Forum
- Create Service Brand, Improve Service Efficiency*

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 (周五) 09:00-13:00

论坛地点: 南京国际博览会议中心 3 层 南京 303

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会运营管理专业委员会

北京中城轨会展有限公司

交通运输部科学研究院

城市轨道交通运营安全管理技术及装备交通运输行业研发中心

Time: June 14, 2024 09:00 -13:00

Place: 303, Nanjing Hall, 3Rd floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Operations Management Committee of CAMET

Beijing CAMET Exhibition Co., Ltd.

China Academy of Transportation Sciences

Urban Rail Transit Operation Safety Management Technology and Equipment Transportation

Industry Research and Development Center

Co-organizer: Nanjing Metro Group Co., Ltd.



论坛议程 / FORUM AGENDA

| | |
|-----|--|
| 主持人 | 张建平 南京地铁集团有限公司党委委员、副总经理 南京地铁运营有限责任公司党委书记、董事长 冯旭杰 交通运输部科学研究院城市交通与轨道交通研究中心总工 中国城市轨道交通协会运营管理专业委员会副主任兼秘书长 |
|-----|--|

一、领导致辞

| 时 间 | 主 题 | 嘉 宾 | 单位及职务 |
|-------------|------|-----|-------------------------------------|
| 09:00-09:05 | 领导致辞 | 王先进 | 中国城市轨道交通协会副会长 交通运输部科学研究院副院长兼总工程师 |
| 09:05-09:10 | 领导致辞 | 王燕凯 | 中国城市轨道交通协会副秘书长 |

二、主题发言

| 时 间 | 主 题 | 嘉 宾 | 单位及职务 |
|-------------|---------------------------------|-----|--------------------------------|
| 09:10-09:30 | 西安地铁服务品牌创建的探索与思考 | 卢剑鸿 | 西安市轨道交通集团有限公司 运营分公司总经理 |
| 09:30-09:50 | 城市轨道交通运营质量管理体系分析 | 夏荷香 | 广州地铁集团有限公司 运营事业总部线网管控中心副总经理 |
| 09:50-10:10 | 构建可持续的城市轨道交通运营服务提升激励机制 | 魏 松 | 青岛地铁运营有限公司副总经理 |
| 10:10-10:30 | 城市群都市圈轨道交通融合发展的思考与建议 | 宋晓敏 | 交通运输部科学研究院城市中心轨道室副主任 |
| 10:30-10:50 | 茶 歇 | | |
| 10:50-11:10 | “数智人 + 自然人”协作模式在南京地铁车辆检修中的探索与实践 | 赵振江 | 南京地铁运营有限责任公司 总工程师 |
| 11:10-11:30 | 城市轨道交通客流培育方法 | 曾小旭 | 天津轨道交通线网管理有限公司 副总经理 |
| 11:30-11:50 | 基于乘客需求的城市轨道交通运输组织优化 | 张 波 | 成都地铁运营有限公司 调度指挥中心副部长 |
| 11:50-12:10 | 城市轨道交通无障碍服务实践 | 韩 帅 | 杭州市地铁集团有限责任公司 运营管理部副科长 |

会议结束

论坛议程 / FORUM AGENDA

| Host | <p>Zhang Jianping, Nanjing Metro Group Co., Ltd. Member of the Party Committee and deputy general manager of the group; Nanjing Metro Operation Co., Ltd. Secretary of the Party Committee and chairman</p> <p>Feng Xujie, chief engineer of the Urban Transportation and Rail Transit Research Center of China Academy of Transportation Sciences, deputy director and secretary-general of the Operation Management Professional Committee of China Association of Metros.</p> | | |
|--------------------|--|----------------|---|
| TIME | TOPIC | GUESTS | UNIT & POSITION |
| 09:00-09:05 | Leaders' speeches | Wang Xianjin | Vice President of China Association of Metros China Academy of Transportation Sciences Vice President and Chief Engineer |
| 09:50-09:10 | Leaders' speeches | Wang Yankai | deputy secretary-general of China Association of Metros |
| 09:10-09:30 | Exploration and Reflection on the Establishment of Xi'an Metro Service Brand | Lu Jianhong | general manager of Operation Branch of Xi'an Rail Transit Group Co., Ltd. |
| 09:30-09:50 | Analysis on the Management System of Urban Rail Transit Operation Service Quality | Xia Hexiang | Deputy general manager of Line Network Management and Control Center of Operation Headquarters, Guangzhou Metro Group Co., Ltd. |
| 09:50-10:10 | Building a Sustainable Incentive Mechanism for Improving Urban Rail Transit Operation Service Quality | Wei Song | Deputy general manager of Qingdao Metro Operation Co., Ltd. |
| 10:10-10:30 | Thoughts and Suggestions on the Integrated Development of Urban Rail Transit in City Cluster | Song Xiaomin | China Academy of Transportation Science Deputy Director of Urban Center Rail Office |
| 10:30-10:50 | Tea break | | |
| 10:50-11:10 | Exploration and Practice of "Digital Human + Natural Person" Cooperation Mode in Nanjing Metro Vehicle Maintenance | Zhao Zhenjiang | Chief engineer of Nanjing Metro Operation Co., Ltd. |
| 11:10-11:30 | Passenger Flow Cultivation Method of Urban Rail Transit | Zeng Xiaoxu | Deputy general manager of Tianjin Rail Transit Lines and Network Management Co., Ltd. |
| 11:30-11:50 | Optimization of Urban Rail Transit Organization Based on Passenger Demand | Zhang Bo | Deputy director of Dispatch and Command Center of Chengdu Metro Operation Co., Ltd. |
| 11:50-12:10 | Practice of Barrier-free Service in Urban Rail Transit | Han Shuai | Deputy director, Operation Management Department, Hangzhou Metro Group |
| End of the meeting | | | |

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王先进 / Wang Xianjin

中国城市轨道交通协会副会长

交通运输部科学研究院副院长兼总工程师

Vice President of China Association of Metros

China Academy of Transportation Sciences Vice President and Chief Engineer



王先进，经济学博士、研究员。现任交通运输部科学研究院副院长兼总工程师、院学术委员会主任委员、基础研究创新中心主任、院学报《交通运输研究》主编，中国城市轨道交通协会副会长，全国政协委员、九三学社中央科技专门委员会委员，交通运输行业重点科研平台主任联席会议秘书长。

主要从事交通运输发展战略规划、政策法规和交通文化研究。获省部级科技奖励 20 余项，入选“国家科技奖励评审专家库”，享受国务院特殊津贴专家。

Wang Xianjin, Ph.D. Economics and Researcher. He is currently the Vice President and Chief Engineer, Chairman of the Academic Committee, Director of the Fundamental Research Innovation Center, Chief Editor of the Journal "Transport Research" of China Academy of Transportation Sciences; Vice President of China Association of Metros; Member of the national committee of CPPCC; Member of the Central Special Committee on Science and Technology of Jiusan Society, and Secretary General of the Joint Chairman's Council of Key Research Platform of Transportation Industry.

Mainly engaged in research on transportation development strategy planning, policies and regulations, and transportation culture. He has received more than 20 provincial-level science and technology awards, been selected for the "National Science and Technology Award Evaluation Expert Database", and is entitled to special allowances from the State Council as an expert.

城轨运营管理专业论坛

——创建服务品牌、提升服务效能

Urban Rail Transit Operation and Management Forum

- Create Service Brand, Improve Service Efficiency

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王燕凯 / Wang Yankai

中国城市轨道交通协会副秘书长

deputy secretary-general of China Association of Metros



王燕凯，北方交通大学桥隧及结构工程专业硕士，教授级高级工程师，中国城市轨道交通协会副秘书长。

曾就职于北京铁路局、北京城建集团、北京市基础设施投资公司。历任北京城建工程研究院副院长，北京城建勘测设计研究院副院长，北京市基础设施投资有限公司规划建设部部长、企业发展部部长、总经理助理。

80年代中期开始从事铁路、地铁的相关技术和管理工作的，组织并实施了北京轨道交通 700 公里的规划设计和线网资源共享的研究工作。曾获得北京市科技进步一等奖、二等奖等科技奖励。

Wang Yankai, holds a master's degree in bridge, tunnel and structural engineering from Beijing Jiaotong University (former Beifang Jiaotong University), a professor-level senior engineer, and deputy secretary-general of China Association of Metros.

He has successively served as the vice president of Beijing Urban Construction Engineering Research Institute, the vice president of Beijing Urban Construction Exploration and Serving Design Research Institute, the director of the planning and construction department, the director of the enterprise development department, and the assistant to the general manager of Beijing Infrastructure Investment Co., Ltd.

In the mid-1980s, he began to engage in the related technology and management of railways and metros, and organized and implemented the research work on the planning and design of 700 kilometers of Beijing rail transit and the sharing of line network resources. He has won the first and second prizes of Beijing Science and Technology Progress Award.

城轨运营管理专业论坛

——创建服务品牌、提升服务效能

Urban Rail Transit Operation and Management Forum

- Create Service Brand, Improve Service Efficiency

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张建平 / Zhang Jianping

南京地铁集团有限公司党委委员、副总经理

南京地铁运营有限责任公司党委书记、董事长

Nanjing Metro Group Co., Ltd. Member of the Party Committee and deputy general manager of the group

Nanjing Metro Operation Co., Ltd. Secretary of the Party Committee and chairman



张建平，正高级经济师，南京地铁集团有限公司党委委员、副总经理，南京地铁运营有限责任公司党委书记、董事长，主要从事城市轨道交通运营管理工作，公开发表学术论文 10 余篇，编制交通运输部行业标准 1 部、江苏省级标准规范 1 部。南京地铁已开通 13 条线，现有运营车站 226 座，南京地铁运营公司是南京国资系统 34 家重点子企业、17 家创一流企业、4 家合规管理试点示范企业之一，也是国际地铁联盟 45 家成员单位之一。

Zhang Jianping, senior economist, Member of the Party Committee and deputy general manager of Nanjing Metro Group Co., Ltd., secretary of the Party Committee and chairman of Nanjing Metro Operation Co., Ltd. Zhang Jianping mainly engaged in the operation and management of urban rail transit, and has published more than 10 academic papers and compiled transportation 1 industry standard of the Ministry of Transport, and 1 provincial standard of Jiangsu Province. Nanjing Metro has opened 13 lines and currently operates 226 stations. Nanjing Metro Operation Co., Ltd. is one of the 34 key state-owned subsidiaries in Nanjing, one the the 17 first-class enterprises, and one of the 4 pilot demonstration enterprises for compliance management. It's also a member of the 45 members of the Community of Metros.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

冯旭杰 / Feng Xujie

交通运输部科学研究院城市交通与轨道交通研究中心总工

中国城市轨道交通协会运营管理专业委员会副主任兼秘书长

chief engineer of the Urban Transportation and Rail Transit Research Center of China Academy of Transportation Sciences, deputy director and secretary-general of the Operation Management Professional Committee of China Association of Metros.



冯旭杰，工学博士，交通运输部科学研究院城市交通与轨道交通研究中心总工，中国城市轨道交通协会运营管理专业委员会副主任兼秘书长，“城市轨道交通智慧运营”创新团队领衔专家。主要从事城市轨道交通运营管理政策制度和标准规范研究工作，参与起草 20 余项国家城市轨道交通管理政策，制修订城市轨道交通国家标准和行业标准 10 余部，先后 10 余次获得省部级以及全国性学会协会科学技术奖。

Feng Xujie, doctor of engineering, chief engineer of the Urban Transportation and Rail Transit Research Center of China Academy of Transportation Sciences, deputy director and secretary-general of the Operation Management Professional Committee of China Association of Metros, and leading expert of the Urban Rail Transit Smart Operation Innovation Team. Mainly engaged in the research of the operation and management policies, systems and standards of urban rail transit; participated in the drafting of more than 20 national urban rail transit management policies; participated in the formulation and revise of more than 10 national standards and industry standards for urban rail transit; and has won more than 10 provincial and ministerial awards and science and technology awards of national society associations.

卢剑鸿 / Lu Jianhong

西安市轨道交通集团有限公司运营分公司总经理

Deputy general manager of Operation Branch of Xi'an Rail Transit Group Co., Ltd.



卢剑鸿，现任西安市轨道交通集团运营分公司总经理，正高级工程师，兼任长安大学校外兼职硕士研究生导师，中国城市轨道交通协会运营管理专业委员会副秘书长，西安市科技专家库专家。长期从事轨道交通运营管理工作，在轨道交通运营管理方面有资深的管理实践经验，曾获省部级创新成果奖 8 项，参编行业标准、地方标准 2 项，主持和参与编写专著 7 部，发表论文 10 余篇，获得国家发明专利、实用新型专利 10 余项。

Comrade Lu Jianhong is currently the General Manager and Senior Engineer of the Operations Branch of Xi'an Rail Transit Group. He also serves as a part-time master's supervisor outside Chang'an University, Deputy Secretary General of the Operations Management Professional Committee of the China Urban Rail Transit Association, and an expert in the Xi'an Science and Technology Expert Database. I have been engaged in rail transit operation and management for a long time, with senior management experience in rail transit operation and management. I have won 8 provincial and ministerial level innovation achievement awards, participated in the compilation of 2 industry and local standards, led and participated in the writing of 7 monographs, published more than 10 papers, and obtained more than 10 national invention patents and utility model patents.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

夏荷香 / Xia Hexiang

广州地铁线网管控中心副总经理

Guangzhou Metro Central Operation Control Center Vice General Manager



夏荷香，广州地铁线网管控中心副总经理，城市轨道交通运营管理高级工程师，广州市高层次人才。拥有 20 年轨道交通运营管理经验，在轨道交通行车组织、车站管理、品牌服务、客运组织、危机公关等多个关键业务领域积累了丰富的知识和实践经验，致力于优化运营流程，提升服务质量，打造服务品牌。

Xia Hexiang, deputy general manager of Guangzhou Metro Network Management and Control Center, senior engineer of Urban Rail Transit Operation Management, High-level Talent in Guangzhou. With 20 years of experience in rail transit operation and management, Xia Hexiang has accumulated rich knowledge and practical experience in many key business areas such as rail transit operation organization, station management, brand service, passenger transportation organization, and crisis public relations. She is committed to optimizing the operation process and improving service quality to build a service brand.

魏松 / Wei Song

青岛地铁运营有限公司副总经理

Qingdao Metro Operation Co., Ltd.

Deputy General Manager of Qingdao Metro Operation Co., Ltd.



魏松，先后任职于哈尔滨铁路局、哈尔滨地铁、青岛地铁，有丰富的轨道交通管理和技术经验。先后任乘务、客运、安全保卫、调度部门经理、中心副总经理、总经理，现任青岛地铁运营有限公司副总经理。

获奖荣誉：先后荣获山东省上合组织峰会保障、山东省消防奖等省市、行业荣誉；曾担任多个高校及地铁专家。专业领域覆盖地铁运营管理、运输组织、客运服务、双重预防体系等多个专业。

Wei Song has worked at Harbin Railway Bureau, Harbin Metro, and Qingdao Metro, with rich experience in rail transit management and technology. He has successively served as the manager of the crew, passenger transportation, security and dispatch departments, deputy general manager of the center, and general manager. Currently, he is the deputy general manager of Qingdao Metro Operation Co., Ltd. Has successively won provincial, municipal, and industry honors such as the Shandong SCO Summit Guarantee and the Shandong Provincial Fire Protection Award; He has served as an expert in multiple universities and subways. The professional fields cover multiple specialties such as subway operation management, transportation organization, passenger service, and dual prevention system.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

宋晓敏 / Song Xiaomin

交通运输部科学研究院城市中心轨道室副主任

China Academy of Transportation Science Deputy Director of Urban Center Rail Office



宋晓敏，主要从事城市轨道交通运营管理理论研究与技术研发工作，主持和作为研究骨干参与了 7 项国家重点研发计划项目和交通运输部科技项目。研究成果支撑交通运输部和地方出台安全评估、应急演练等 10 余部管理制度，参与起草《城市轨道交通运营应急能力建设基本要求》等 10 余项国家标准和行业标准。公开发表论文 10 余篇，参与出版专著 10 余部，获得中国城市轨道交通协会等行业协会、学会科技进步奖一等奖 4 项、二等奖 1 项。

Mainly engaged in theoretical and technical research on urban rail transit operation and management, participated in one National Key Research and Development Program of China, led and participated as a research backbone in science and technology projects of Ministry of Transport. The research results support the Ministry of Transport and local governments to issue more than 10 documents in areas such as safety assessment and emergency drills, participated in drafting over 10 national standards such as < Basic Requirements for Emergency Response Capacity Building of Urban Rail Transit Operation >. Participated in over 10 papers and more than 10 monographs. Received 4 first prizes and 1 second prize of the Science and Technology Progress Award from industry associations and societies such as CAMET.

赵振江 / Zhao Zhengjiang

南京地铁运营有限责任公司总工程师

Nanjing Metro Operation Co., Ltd Chief engineer



赵振江，长期从事轨道交通技术设备管理、工程项目管理等工作，组织开展轨道交通设施设备信息化管理、智能运维、关键备件国产化等一系列技术研究。主持过多项交通运输部科技示范项目和住房和城乡建设部科技项目，先后多次荣获南京市科学技术进步奖、江苏省科学技术奖和中国设备管理协会技术创新成果奖，取得多项发明专利和实用新型专利。中南大学工程类博士专业学位研究生兼职导师，南京理工大学硕士研究生企业导师。

I engaged in the technical equipment management of rail transit and projects management for a long time, I has organized and promoted a series of technical researches in the areas of rail transit facilities and equipment information management, intelligent operation and maintenance and the localization of some key spare parts. I has presided over numerous technology demonstration projects of the Ministry of Transport and scientific and technological projects of the Ministry of Housing and Urban-Rural Development, and has won the Nanjing Science and Technology Progress Award, Jiangsu Science and Technology Award, and the Technology Innovation Achievement Award of the China Association of Plant Engineering and numerous invention patents and utility model patents. I am also served as a part-time tutor for doctoral degree candidates in engineering at Central South University and an enterprise mentor for master's degree candidates at Nanjing University of Science and Technology.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

曾小旭 / Zeng Xiaoxu

天津轨道交通线网管理有限公司副总经理

Tianjin Rail Transit Network Management Co., LTD Deputy General Manager



曾小旭，天津轨道交通线网管理有限公司副总经理，正高级工程师，工学博士。荣获天津市五一劳动奖章，天津市交通运输委特聘技术专家、安全生产专家。牵头建设天津市重点工程、体量亚洲排名第一的轨道交通综合控制中心建设项目，曾获《交通运输部“第十八届全国交通企业管理现代化创新成果”》等4项省部级、局级奖项，主持《城市轨道交通安全监测与应急管理一体化保障体系研究》等5项科研课题和1项专利，参与编制《城市轨道交通运营突发事件应急预案编制规范》等5项行业、地方标准规范。

Zeng Xiaoxu, Deputy general manager of Tianjin Rail Transit Network Management Co., LTD, Professor of Engineer, Doctor of Engineering, having won the Tianjin May 1st Labor Medal, Tianjin Transportation Commission special technical expert, safety production expert, leading the construction of Tianjin key project, the volume of Asia's first ranked rail transit comprehensive control center construction project, having won the "Ministry of Transport" "the 18th National Transportation Enterprise Management modernization Innovation Achievements" and other 4 provincial and ministerial level, bureau level awards, presiding over the "Research on integrated security system of urban rail transit safety monitoring and emergency management" and other 5 scientific research projects and 1 patent, participating in the preparation of five industrial and local standards, including the Code for the Preparation of Emergency Response Plans for Urban Rail Transit Operations.

张波 / Zhang Bo

成都地铁运营有限公司调度指挥中心技术管理部副部长

Chengdu Metro Operation Co., Ltd.

Deputy director of Technical Management Department of Dispatch Command Center



张波，2016年参加工作，历任行车调度、行车技术管理等岗位，现任成都轨道集团成都地铁运营有限公司技术管理部副部长，负责成都地铁行车组织、运输组织相关方向技术研究工作，推动行车组织流程、运输组织举措优化提升，多次荣获创新创效奖。

Zhang Bo, started working in 2016 and has held various positions such as train dispatch and technical management. Currently, he is the Deputy Director of the Technical Management Department of Chengdu Metro Operation Co., Ltd. under Chengdu Rail Transit Group. He is responsible for technical research in the field of train organization and transportation organization, promoting the optimization and improvement of train organization processes and transportation organization measures, and has won multiple innovation and efficiency awards.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

韩帅 / Han Shuai

杭州市地铁集团有限责任公司副科长

Hangzhou Metro Group Co., Ltd. Deputy Section Chief



韩帅，毕业于兰州交通大学交通运输专业，自 2012 年 7 月起至今就职于杭州地铁，先后从事站务管理、安全与应急管理、运营服务管理等工作，目前任地铁集团运营管理部运营服务科副科长，主要负责线网运营服务质量监督管理、服务品牌创建、无障碍环境建设及服务提升等工作。

She graduated from Lanzhou Jiaotong University, majoring in transportation. Since July 2012, she has been working in Hangzhou Metro, successively engaged in station management, safety and emergency management, operation management and so on. At present, she is the Deputy Director of the Operation Service Section of the Operation Management Department of Hangzhou Metro Group Co., Ltd., mainly responsible for the quality supervision and management of network Operation Service, Service brand building, accessibility environmentan construction and service promotion.

城轨运营管理专业论坛

——创建服务品牌、提升服务效能

*Urban Rail Transit Operation and Management Forum
- Create Service Brand, Improve Service Efficiency*

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

第三届城市轨道交通中小企业论坛 ——中德轨道交通产业创新与合作

SME Forum

-- Practice and exploration of China-EU SME cooperation

论坛架构 / FORUM STRUCTURE

论坛时间：2024 年 6 月 14 日 09:00-13:00

论坛地点：南京国际博览会议中心 4 层 403

支持单位：中国城市轨道交通协会

北京丰台轨道交通智能控制中小企业特色产业集群（工信部认定）

德国 Modern Railways 专家咨询机构

主办单位：中国城市轨道交通协会会员服务部

协办单位：中国城市轨道交通协会低运能系统分会、南京轨道交通产业协会、青岛地铁产业协会

北京中关村轨道交通产业发展有限公司、中德现代（天津）轨道交通科技发展有限公司

承办单位：北京中城轨文化传播有限公司

上海羿鹏交通科技集团有限公司

Time: June 14, 2024 09:00 -13:00

Place: 403, 4th Floor, International Expo Center

Supported by: China Association of Metros

Organizer: Operations Management Committee of CAMET

Beijing Fengtai Rail Transit Intelligent Control SME Distinctive Industrial Clusters (Identified by MIIT)

German Modern Railways Expert Advisory Body

Host: Member Service Department of CAMET

Co-sponsored by: Modern Tram Branch, China Association of Metros, Nanjing Rail Transit Industry Association

Qingdao Metro Industry Association, Beijing Zhongguancun Rail Transit Industry Development Co., Ltd.

Sino-German Modern (Tianjin) Railways Technology Development Co., Ltd.

Organizer: Beijing CAMET Culture Communication Co., Ltd. EPN Mobility Group Co., Ltd.

论坛议程 / FORUM AGENDA

| | |
|-----|-----------------------|
| 主持人 | 薄纯玉 中城轨文化传播有限公司常务副总经理 |
|-----|-----------------------|

一、领导致辞

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|------|------|--|
| 09:00-09:05 | 领导致辞 | 李成新 | 中国城市轨道交通协会 副秘书长 |
| 09:05-09:10 | 领导致辞 | 孙 颖 | “北京丰台轨道交通智能控制中小企业特色产业 集群” ——北京中关村轨道交通产业发展有限公司 总经理 |
| 09:10-09:15 | 领导致辞 | 李文明 | 南京轨道交通产业协会理事长 中国电科第十四研究所所长助理 |

二、研讨发言

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|--|--|--|
| 09:15-09:30 | 现代化新制式轨道交通系统技术特点与实践应用 | Prof. Dr.-Ing. Peter MNICH 慕尼黑教授 | 德国 Modern Railways 专家咨询机构创始人 |
| 09:30-09:45 | 城市轨道交通低运能系统发展挑战 | 程 樱 | 上海市城市建设设计研究总院（集团）有限公司 上海有轨电车工程技术研究中心常务副主任 |
| 09:45-10:00 | 新一代悬挂式单轨系统——助力打造新质 生产力，推动高质量可持续发展 | 杨 爽 | 上海羿鹏交通科技集团有限公司总裁 |
| 10:00-10:15 | 基于深度融合的弱电一体化解决方案 | 周根火 | 众合智行轨道交通技术有限公司 系统集成事业部总经理 |
| 10:15-10:30 | Tricon 在中国市场 20 年 | 梁 辉 | Tricon AG 中国区设计总监 |
| 10:30-10:45 | 助力中低运能轨道交通建设的实践与展望 | 姜 桥 | 中铁高新工业股份有限公司 新制式轨道营销中心总经理 |
| 10:45-11:00 | 永磁同步电机转速及转子位置监测的卓越 解决方案——VarioCODER | 曹 铮 | Lenord, Bauer & Co. GmbH 上海分公司总经理 |
| 11:00-11:15 | 低运能轨道交通系统产品开发与应用前景 | 刘 栋 | 北京城建智控科技股份有限公司 低运能事业部总经理 |
| 11:15-11:30 | 德国雾特火灾检测、高压细水雾灭火系统 | 胡 茂 | FOGTEC Brandschutz GmbH 中国大区销售经理 |
| 11:30-11:45 | 轨道交通灭火系统创新设计与应用 | 骆明宏 | 南京消防器材股份有限公司副总经理、总工程师 |

论坛议程 / FORUM AGENDA

三、圆桌讨论

| 主 题：深化中德产业创新合作，以新质生产力引领中低运能轨道交通系统高质量发展 | | | |
|--|-----|-----|------------------------------------|
| 11:45-12:15 | 主持人 | 施远非 | 德国柏林工业大学工学博士、中关村中德创新交通产业平台（筹）创始发起人 |
| | 嘉 宾 | 冯爱军 | 中国城市轨道交通协会低运能系统分会副会长 |
| | | 刘 俐 | 上海隧道工程轨道交通设计研究院副总工程师 |
| | | 刘晓亮 | 上海羿鹏交通科技集团有限公司副总裁、技术总监 |
| | | 张 弛 | 中车南京浦镇车辆有限公司技术中心副主任兼结构研发部部长 |
| | | 罗情平 | 青岛地铁集团有限公司副总工程师 |
| | | 邓 敏 | 南京轨道交通系统工程有限公司总工程师、产品创新中心经理 |

四、仪式环节

| | | |
|-------------|-------------------------------|---------------------------|
| 12:15-12:30 | 1. 揭牌（“中关村中德创新交通产业合作平台”联合体牌匾） | |
| | 揭牌人 | 孙颖、彼得·慕尼黑 |
| | 见证人 | 施远非、刘俐、杨爽、姜桥、刘栋、顾一心、梁辉、胡茂 |
| | 2. 签约（5 家平台单位联合项目合作签约） | |
| | 签约人 | 彼得·慕尼黑、杨爽、刘栋、宋世民、梁辉 |

会议结束

论坛议程 / FORUM AGENDA

| | |
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| Host | Bo Chunyu, Executive Vice General Manager, Beijing CAMET Culture Communication Co., Ltd. |
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1. LEADERS' SPEECHES

| DATE | TOPIC | SPEAKERS | UNIT & POSITION |
|-------------|-------------------|-------------|---|
| 09:00-09:05 | Leaders' speeches | Li Chengxin | Deputy Secretary-General, China Urban Rail Transit Association |
| 09:05-09:10 | Leaders' speeches | Sun Ying | "Beijing Fengtai Rail Transit Intelligent Control SME Distinctive Industrial Clusters" —— General Manager of Beijing Zhongguancun Rail Transit Industry Development Co., Ltd. |
| 09:10-09:15 | Leaders' speeches | Li Wenming | Chairman of Nanjing Rail Transit Industry Association Assistant President of The 14th Research Institute of China Electronics Technology Group Corporation |

II. SEMINAR AND PRESENTATION

| DATE | TOPIC | SPEAKERS | UNIT & POSITION |
|-------------|--|----------------------------|--|
| 09:15-09:30 | Technical Characteristics and Practical Applications of Modern New Standard Rail Transit Systems | Prof. Dr.-Ing. Peter MNICH | Founder of German Modern Railways Expert Advisory Body |
| 09:30-09:45 | Challenges in Development of Urban Rail Transit Low Capacity Systems | Cheng Ying | Shanghai Urban Construction Design & Research Institute (Group) Co., Ltd. Executive Deputy Director of Shanghai Engineering Research Center of Tramway |
| 09:45-10:00 | The new generation of suspended monorail systems - helping to build new productive forces and promoting high-quality sustainable development | Yang Shuang | President of EPN Mobility Group Co., Ltd. |
| 10:00-10:15 | Weak Current Integrated Solution Based on Deep Integration | Zhou Genhuo | General Manager of System Integration Division of UniTTEC Co., Ltd. |
| 10:15-10:30 | Tricon's 20 Years in the Chinese Market | Liang Hui | Design Director, Tricon AG China |
| 10:30-10:45 | Practice and Outlook on Supporting the Construction of Medium and Low Capacity Rail Transit | Jiang Qiao | General Manager of New Standard Rail Marketing Center, China Railway Hi-Tech Industry Co., Ltd. |
| 10:45-11:00 | Excellent Solution for Monitoring the Speed and Rotor Position of Permanent Magnet Synchronous Motor - VarioCODER | Cao Zheng | General Manager of Shanghai Branch, Lenord, Bauer & Co. GmbH |

论坛议程 / FORUM AGENDA

| | | | |
|-------------|--|--------------|--|
| 11:00-11:15 | Development and Application Prospects of Low Capacity Rail Transit System Products | Liu Dong | General Manager of Low Capacity Division, Beijing Urban Construction Intelligent Control Co., Ltd. |
| 11:15-11:30 | German FOGTEC Fire Detection & High-pressure Water Mist Fire Extinguishing System | Hu Mao | China Regional Sales Manager, FOGTEC Brandschutz GmbH |
| 11:30-11:45 | Innovative Design and Application of Fire Extinguishing Systems in Rail Transit | Luo Minghong | Deputy General Manager and Chief Engineer of Nanjing Fire Protection Technology Co., Ltd. |

III. ROUNDTABLE DISCUSSION

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|-------------|---|
| 11:45-12:15 | <p>Topic: Deepening Industrial Innovation Cooperation between China and Germany, Leading the High Quality Development of Medium and Low Capacity Rail Transit Systems with New Productive Forces</p> <p>Moderator: Shi Yuanfei , Ph.D in Engineering from Technische Universität Berlin, Germany, Founding Sponsor of Zhongguancun Sino-German Innovation Industry Platform (Preparatory)</p> <p>Guest: Feng Aijun, Vice President of Modern Tram Branch, China Association of Metros</p> <p>Liu Li, Deputy Chief Engineer of Shanghai Tunnel Engineering and Rail Transit Design and Research Institute.</p> <p>Liu Xiaoliang Vice President and Technical Director, EPN Mobility Group Co., Ltd.</p> <p>Zhang Chi Deputy Director of Technical Center and Director of Structural Research & Development Department, CRRC Nanjing Puzhen Co., Ltd.</p> <p>Luo Qingping, Deputy Chief Engineer of Qingdao Metro Group Co., Ltd.</p> <p>Deng Min, Chief Engineer and General Manager of Product Innovation Center, Nanjing Rail Transit Systems Co., Ltd.</p> |
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IV. CEREMONY

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|-------------|--|
| 12:15-12:30 | <p>1.Unveiling (plaque of "Zhongguancun Sino-German Innovation Industry Platform" Joint Venture)</p> <p>1) Unveiler: Sun Ying, Peter Munich</p> <p>2) Witness: Shi Yuanfei, Liu Li, Yang Shuang, Jiang Qiao, Liu Dong, Gu Yixin, Liang Hui, Hu Mao</p> <p>2. Signing (signing ceremony for the cooperation of 5 platform units in a joint project)</p> <p>1) Signer: Peter Munich, Yang Shuang, Liu Dong, Song Shimin, Liang Hui</p> <p>2) Form of signing: signing together on a tablet (TBD)</p> |
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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

冯爱军 / Feng Aijun

中国城市轨道交通协会低运能系统分会副会长

北京城建设计发展集团股份有限公司原技术总监

Beijing Urban Construction Design Vice president

Development Group Co., Limited former technical director of Low Capacity System Branch



冯爱军，教授级高级工程师，国家注册咨询（投资）工程师，国家注册一级建造师，IPMP 国际高级项目经理，北京市新世纪百千万人才。现任中国土木工程学会轨道交通分会副理事长、中国城市轨道交通协会低运能分会副会长、中国城市轨道交通协会专家学术委员会和标准化委员会委员、北京城建设计发展集团首席顾问专家。

一直从事城市轨道交通的规划设计研究工作，对城市轨道交通技术发展战略和新型城市轨道交通系统有深入研究。特别专注于城市轨道交通长距离高架结构设计与研究、市域快速轨道交通系统规划设计、中低运量轨道交通系统规划设计以及轨道交通运营更新改造研究。著有《城市轨道交通技术创新与可持续发展》、《市域快轨发展研究及技术分析》、《中国地铁 60 年》、《城轨建造》等著作。主编国家标准《城市轨道交通项目管理规范》、北京市地方标准《有轨电车工程设计规范》、团体标准《市域快速轨道交通设计规范》、《市域快轨技术规范》、《有轨电车工程技术导则》。

Feng Aijun, professor-level senior engineer, national registered consulting (investment) engineer, national registered first-class construction engineer. Technical director of Beijing Urban Construction Design & Development Group. part-time social secretary of the Rail Transit Branch of China Civil Engineering Society, and Vice President of Tram Branch of China Urban Rail Transit Association. Focus on the research of new urban rail transit systems and the promotion of innovative urban rail transit technologies. He has edited "Urban Rail Transit Technology Innovation and Sustainable Development", "Urban Rail Transit Annual Report", "Research and Technical Analysis of Urban Rapid Rail Development", "60 Years of China Metro", "Blue Book of Tram Industry", "Urban Rail Transit Rail Construction" and other works. Editor-in-chief of the national standard "Urban Rail Transit Project Management Code", the group standard "Urban Express Rail Design Code", "Tram Engineering Technical Standards", and Beijing local standard "Tram Engineering Design Code".

第三届城市轨道交通中小企业论坛 ——中德轨道交通产业创新与合作

SME Forum

-- Practice and exploration of China-EU SME cooperation

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

孙颖 / Sun Ying

北京中关村轨道交通产业发展有限公司总经理

Beijing Zhongguancun Rail Transit Industry Development Co., Ltd. General Manager



孙颖，中共党员，博士研究生，副研究员。曾任职于拉萨市科技局、北京市科委和中关村科学城管委会，从事生物医药、装备制造、先行先试政策研究等领域科研管理工作。现任北京中关村轨道交通产业发展有限公司总经理。具有 20 年的项目管理、产业促进以及政策研究工作背景。主持了北京市重大科技项目“高档数控机床与功能部件关键共性技术研究及应用”。曾获得拉萨市科学技术局优秀工作者、2008 年首都民族团结进步奖、中关村海淀园优秀共产党员等荣誉。

Sun Ying, a member of the Communist Party of China, doctoral student, and associate researcher. Previously worked at the Lhasa Municipal Science & Technology Bureau, Beijing Municipal Science and Technology Commission, and Management Committee of Zhongguancun Science City, engaged in scientific research and management in fields of bio-medicine, equipment manufacturing, and early and pilot implementation policy research, etc. Currently, the General Manager of Beijing Zhongguancun Rail Transit Industry Development Co., Ltd. With 20 years of experience in project management, industry promotion, and policy research, she led the major science and technology project in Beijing, titled "Research and Application of Key Common Technology for High end CNC Machine Tools and Functional Components". She has won honors such as Outstanding Worker of Lhasa Municipal Science & Technology Bureau, 2008 Capital Ethnic Unity and Progress Award, and Outstanding Communist Party Member of Zhongguancun Haidian Park.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李文明 / Li Wenming

南京轨道交通产业协会理事长

中国电科第十四研究所所长助理

Chairman of Nanjing Rail Transit Industry Association

Assistant President of The 14th Research Institute of China Electronics Technology Group Corporation



李文明，1984 年本科毕业于南京工学院无线电工程系，1987 年研究生毕业于南京电子工程研究中心。长期工作于中国电子科技集团公司第十四研究所，是十四所雷达信号处理、卫星通信、轨道交通信号系统和工程总承包等相关专业领域主要开创者。1992 年破格获得高级工程师资格，2000 年起担任研究员级高级工程师，中国电子学会高级会员、中国通信学会高级会员。现任十四所所长助理、副总工程师，兼任中国城市轨道交通协会常务理事及专家学术委员会信息学部委员、南京轨道交通产业协会理事长、南京现代综合交通实验室副主任和南京航空航天大学产业教授。曾主持或参与海事卫星北京测控站、风云卫星 CDAS 地球站、国家轨道交通信号系统国产化专项等重点工程，获国家科技进步一等奖、江苏省科技进步二等奖等奖项以及全国青年岗位能手、江苏省“333 工程”中青年科学技术带头人、江苏省青年科技标兵、电子工业部优秀科技青年和、江苏省优秀职业经理人等荣誉称号。九三学社中央促进创新委员会委员、九三学社南京市经济工作委员会主任、南京市第十三届和第十四届政协委员、南京市雨花台区政协常委。

Li Wenming, graduated with a bachelor degree from the Department of Radio Engineering at Southeast University in 1984 and a master degree from Nanjing Electronics Engineering Research Center in 1987. He has been working in The 14th Research Institute of China Electronics Technology Group Corporation, and is a major pioneer in related fields of radar signal processing, satellite communications, rail transit signaling system, and EPC/BOT project general contracting. In 1992, he was qualified by exceptive admissions as senior engineer. Since 2000, he has served as a senior engineer at the researcher level. Now he is a senior member of the Chinese Institute of Electronics, and a senior member of the China Institute of Communications. Currently, he serves as the Assistant President and Vice Chief Engineer of The 14th Institute, as well as the Executive Director of China Association of Metros and Member of the Information Science Division of the Expert Academic Committee of China Association of Metros, Chairman of the Nanjing Rail Transit Industry Association, Deputy Director of the Nanjing Modern Comprehensive Transportation Laboratory, and Industrial Professor at Nanjing University of Aeronautics and Astronautics. He has led or participated in the key projects including the Maritime Satellite Beijing Test and Control Station, the Fengyun Satellite CDAS Earth Station.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

慕尼黑教授 / Prof. Dr.-Ing. Peter MNICH

德国 Modern Railways 专家咨询机构创始人

Modern Railways Prof.Dr.-Ing.Peter Mnich &Partner Founder



彼得·慕尼黑教授，德国柏林工业大学现代化轨道交通系统专业终身教授。作为德国国家磁悬浮试验基地 Emsland 负责人以及德国联邦铁路局 EBA 首席磁悬浮系统评估专家，慕尼黑教授主导了上海浦东磁悬浮项目的引进落地。自 2006 年起，受邀在同济大学中德学院（研究生院）交通工程专业授课，两年后受聘南京理工大学担任客座教授。2016 年起受聘于清华大学天津高端装备院特聘专家。2018 年德国轨道工业协会中国代表处的成立，慕尼黑教授担任协会全权首席中国代表，2024 年启动创建中德创新交通产业平台。多年以来，慕尼黑教授与中国各级政府，顶尖行业协会、优秀企业合作，尤其在技术引进落地本土化应用方面，做出突出成绩，为中德轨交领域全方位合作共赢做出重要贡献。

Professor Peter Munich, a tenured professor of modern rail transit systems at the Technical University of Berlin, Germany (TUB). As the head of the German national maglev test base Emsland and the EBA chief maglev system evaluation expert of the Deutsche Bahn AG, Pro. Munich led the introduction and implementation of the Shanghai Pudong maglev project. Since 2006, Pro. Munich has been invited to teach in the traffic engineering major at the Chinesisch-Deutsches Hochschulkolleg (Graduate School), Tongji University. Two years later, he was appointed as a visiting professor at Nanjing University of Science and Technology. Since 2016, he has been employed as a special expert at Tianjin Research Institute for Advanced Equipment, Tsinghua University. In 2018, the Chinese Representative Office of Der Verband der Bahnindustrie in Deutschland (VDB) was established, Pro. Munich served as the full chief representative of VDB in China, and initiated the creation of the Sino-German Innovation Transportation Industry Platform in 2024. Pro. Munich has been cooperating with Chinese governments at all levels, top industry associations, and excellent enterprises for many years, especially in the field of technology introduction, implementation, and localization application, making outstanding achievements and important contributions to the all-round cooperation and win-win situation in the field of rail transit between China and Germany.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

罗情平 / Luo Qingping

青岛地铁集团有限公司副总工程师

Qingdao Metro Group Co.,Ltd Deputy Chief Engineer



罗情平，教授级高工，青岛地铁集团有限公司副总工程师、一级专家，山东省“五一”劳动奖章获得者。从事城市轨道交通设备技术工作三十余年，是“列车自主运行系统（TACS）”国家示范项目技术负责人，承担青岛地铁集团智慧工地、智慧运维等多项科研项目，多次获得省、市科技奖项，在行业核心期刊上发表论文 30 余篇，并拥有多项专利和知识产权。

Luo Qingping: Senior engineer, Deputy chief engineer and First-class expert of Qingdao Metro Group Co., Ltd., I am winner of the "May Day" Labor Medal of Shandong Province. I have been engaged in urban rail transit equipment technology for more than 30 years. I am the technical leader of the "Train Autonomous Circumambulation System (TACS)", undertakes a number of scientific research projects such as Digital Donstructing and Smart Operation and Maintenance of Qingdao Metro Group. I have won many provincial and municipal science and technology awards, published more than 30 papers in core journals, and has a number of patents and intellectual property rights.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

施远非 / Shi Yuanfei

德国柏林工业大学工学博士

中关村中德创新交通产业平台（筹）创始发起人

Ph.D in Engineering from Technische Universität Berlin, Germany

Founding Sponsor of Zhongguancun Sino-German Innovation Industry Platform (Preparatory)



施远非，2012年毕业于德国柏林工业大学，取得交通规划与运行专业工学博士学位，并在柏林工业大学担任讲师、博导 MNICH 教授副手以及从事相关科研和中德合作项目工作；曾就职于德意志铁路国际公司和德国 WBN 公司，分别担任大中华区负责人和德国公司副总裁；自 2017 年起，应中科院院士翟婉明院士及清华大学天津高端装备研究院邀请，与中车集团轮轨研究中心一同进驻天津自贸区，独立创办中德现代（天津）轨道交通科技发展有限责任公司至今，并成为德国轨道工业协会中国代表处在华境内唯一的实体平台；2018 年起，担任德国轨道工业协会中国总代表；2024 年启动创建中德创新产业平台，继续推动地方政府、行业企业及行业协会进行全面项目及产业的中德创新合作。

Shi Yuanfei graduated from the Technical University of Berlin, Germany in 2012 with a Ph.D. in Transportation Planning and Operations, and also served as a lecturer, doctoral supervisor, and deputy to Professor MNICH at the Technical University of Berlin, as well as engaged in related scientific research and Sino-German cooperation projects. He has previously worked at Deutsche Bahn International and German WBN company, serving as the head of Greater China and vice president of a German company, respectively. Since 2017, he has been invited by Zhai Wanming, Member of the Chinese Academy of Sciences and the Tianjin Research Institute for Advanced Equipment, Tsinghua University to settle in the Tianjin Free Trade Zone together with CRRC Wheel & Rail Research Center, independently founded Sino-German Modern (Tianjin) Railways Technology Development Co., Ltd. which has become the only physical platform for the Chinese representative office of Der Verband der Bahnindustrie in Deutschland (VDB) in China. Since 2018, he has served as the General Representative of VDB in China, launching the creation of a Sino-German innovation industry platform in 2024, so as to continue to promote comprehensive project and industry innovation cooperation between local governments, industry enterprises, and industry associations between China and Germany.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

薄纯玉 / Bo Chunyu

中国城市轨道交通协会中城轨文化传播有限公司常务副总经理

Beijing Sino Urban Railway Cultural Communication Co.Ltd. deputy general manager



薄纯玉，中国城市轨道交通协会中城轨文化传播有限公司常务副总经理。长期从事城轨行业市场品牌策划及项目实施工作，策划及运营城轨传媒矩阵、人民城轨全媒体、“城轨讲堂”“TOD 界”“YoungTalk 青年说”等城轨行业品牌传媒产品，策划组织实施了城轨行业多个品牌论坛、活动、传媒、培训、咨询等项目。

Bo Chunyu, deputy general manager of Beijing Sino Urban Railway Cultural Communication Co.Ltd. Specializes in brand planning and project implementing in urban rail industry, she successfully planned and launched brand media products in urban rail industry including Metro Media, People Metro Matrix, “Urban Rail Lecture Hall”, “TOD Horizon” and “YoungTalk”, among others. She also successfully planned and organized multiple brand forums, activities, media, training, consulting and other projects in urban rail industry.

程樱 / Cheng Ying

上海市城市建设设计研究总院（集团）有限公司

上海有轨电车工程技术研究中心常务副主任

Shanghai Urban Construction Design & Research Institute (Group) Co., Ltd.

Executive Deputy Director of Shanghai Engineering Research Center of Tramway



程樱，高工，从事轨道交通及有轨电车的设计和咨询工作，承担了上海、贵阳、天津等多地地铁设计负责人工作；承担了苏州、淮安、上海松江、嘉兴等多个城市有轨电车项目总体设计，主编《城市轻轨交通系统工程设计》、《有轨电车概论》等著作，标准近十项，专利十余项，主编《中国有轨电车发展报告 2020》，荣获上海市科技进步一等奖、上海市优秀发明奖，优秀勘察设计一等奖等多个奖项。

Cheng Ying, a senior engineer, is engaged in the design and consulting of rail transit and trams, and has been in charge of the design of metro in many cities such as Shanghai, Guiyang, and Tianjin, and undertaken the overall design of tram projects in Suzhou, Huai'an, Shanghai Songjiang, Jiaxing, and other cities. She is the chief editor of several works including Urban Light Rail Transit System Engineering Design and Introduction to Trams, as well as China Tram Development Report 2020, and has participated in the draft of nearly ten standards, and possessed more than ten patents. She has won multiple awards, including the First Prize of Shanghai Science and Technology Progress Award, Shanghai Excellent Invention Award, and First Prize of Excellent Survey and Design Award.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

杨爽 / Yang Shuang

上海羿鹏交通科技集团有限公司总裁
President of EPN Mobility Group Co., Ltd.



杨爽，同济大学环境工程硕士。专注投资领域 13 年，多年任职公司均系细分领域排名前 3 的企业，依托平台的专业化体系培养了扎实的投资分析专业技能和清晰的投后管理策略；拥有丰富的项目投资经验，目前已实现 11 个项目的成功退出和 1 个项目 IPO 申报中，平均 IRR 超过 30%；掌握诸多知名会计师事务所、律所和券商资源，擅长拓展项目资源和企业管理。

Yang Shuang, Master of Environmental Engineering from Tongji University. He has been focusing on the investment field for 13 years, and has served in companies that rank among the top 3 in segmented fields for many years. With the professional system of the platform, he has cultivated solid investment analysis skills and clear post investment management strategies; having rich experience in project investment, he has successfully exited 11 projects and applied for IPO in 1 project, with an average IRR of over 30%. He has access to many well-known accounting firms, law firms, and securities firms, and is skilled in expanding project resources and enterprise management. Starting from 2019, he served as the General Manager of EPN Mobility Group Co., Ltd., fully overseeing the company's business and operation.

周根火 / Zhou Genhuo

众合智行轨道交通技术有限公司系统集成事业部总经理
UniTEC Co., Ltd. General Manager of System Integration Division



从事铁道信号工作 30 余年，对信号各专业有全面的了解和掌握，尤其对轻型轨道交通弱电集成有深入的研究，历任杭州、宁波电务段副段长，上海铁路局电务处副处长，浙江众合科技股份有限公司设计中心副总经理、系统集成事业部总经理等职，曾获铁道部火车头奖章、多次获得上海市、浙江省、上海铁路局科技进步奖、管理创新成果奖等，在各类期刊上发表论文 9 篇，合编专业著作 1 本，获得各类专利 7 项。

He has been engaged in railway signal work for more than 30 years, with a comprehensive understanding and mastery of various signal specialties, especially in-depth research on weak electricity system integration in light rail transit; has served as the Deputy Director of the Hangzhou and Ningbo Signaling & Communication Depot, Deputy Director of Department of Signaling & Communication of China Railway Shanghai Group Co., Ltd., Deputy General Manager of Design Center and General Manager of System Integration Division of UniTEC Co., Ltd. He has won the Railway Locomotive Medal from the Ministry of Railways, as well as the Science and Technology Progress Award and Management Innovation Achievement Award from Shanghai, Zhejiang, and Shanghai Railway Bureaus multiple times. He has published 9 papers in various journals, co authored 1 professional publication, and obtained 7 patents in various fields.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

梁辉 / Liang Hui

TRICON AG 中国区设计总监
TRICON AG Director of China



梁辉，TRICON 中国区设计总监。拥有 15 年轨道交通车辆工业设计经验，获得多项业界知名设计奖项如红点奖、IF 奖、中国设计红星奖等。主持或参与的已经在线运营的车辆设计项目超过 50 个，包含了高铁车辆、双层动车组、市域动车组、城轨及轻轨车辆、空铁列车、磁浮列车、新能源车辆等，遍布在中国、德国、奥地利、俄罗斯、土耳其、卡塔尔、美国、马来西亚、泰国等国家。

Liang Hui, Director of TRICON China. He has 15 years of experience in industrial design of rail transit vehicles and has won multiple well-known design awards in the industry, such as the Red Dot Design Awards, IF Award, and China Red Star Design Award. Led or participated in more than 50 vehicle design projects that have been operated online, including high-speed rail vehicles, double-deck multiple units, urban multiple units, urban rail and light rail vehicles, air train (H-Bahn), maglev trains, new energy vehicles, etc., all over China, Germany, Austria, Russia, Turkey, Qatar, the United States, Malaysia, Thailand, etc.

姜桥 / Jiang Qiao

中铁高新工业股份有限公司新制式轨道营销中心总经理
China Railway Hi-Tech Industry Co., Ltd. General Manager of New Standard Rail Marketing Center



姜桥，高级工程师。先后在中铁隧道局、中铁装备、中铁工业任职，历任中铁装备营销中心副总经理、西北区域总经理，中铁工业市场营销部副部长等职。任职以来在隧道施工装备的研制与应用管理及新型轨道交通领域，分别获得中国铁路工程总公司科学技术奖 1 项、中国岩土力学与工程学会科技奖 1 项；中交协科技进步 1 项；中施协科技进步 1 项。获发明专利 2 项，实用新型 4 项；发表论文 6 篇；参与行业标准编写一项；参与著书一项。

Jiang Qiao, male, senior engineer. He has successively held positions in China Railway Tunnel Group Co., Ltd., CREG, and CRHIC, such as Deputy General Manager of CREG Marketing Center, General Manager of Northwest Region, and Deputy Director of CRHIC Marketing Department. Since taking office, he has been involved in the research and application management of tunnel construction equipment and the field of new rail transit, and has won the Science and Technology Award from China Railway Engineering Corporation and the Science and Technology Award from Chinese Society for Rock Mechanics & Engineering; the technological progress award of China Communications And Transportation Association; and the technological progress award of CACEM. He has obtained 2 invention patents and 4 utility models; published 6 papers; participated in the drafting of industry standards; and participated in writing a book.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

曹铮 / Cao Zheng

Lenord, Bauer & Co. GmbH 上海分公司总经理
General Manager of Shanghai Branch, Lenord, Bauer & Co. GmbH



曹铮，曾服务于世界 500 强高级管理层，负责轨道交通行业研发，制造以及国际业务采购，拥有德语，英语，中文三种语言能力，19 年的研发，生产，商务管理经验，拥有 4 项专利。现任莱诺德包尔自动化技术（上海）有限公司总经理。

He has served as a senior management member of Fortune 500 companies, responsible for research and development, manufacturing, and international business procurement in the rail transit industry. He has the ability to speak three languages: German, English, and Chinese, has 19 years of experience in research, production, and business management, and 4 patents. Currently the General Manager of Lenord, Bauer & Co. GmbH.

刘栋 / Liu Dong

北京城建智控科技股份有限公司低运能事业部总经理
General Manager of Low Capacity Division, Beijing Urban Construction Intelligent Control Co., Ltd.



刘栋，北京城建智控科技低运能事业部总经理，高级工程师。先后在中国中车，比亚迪公司城轨业务板块任职，从事产品研发、项目交付及市场开拓工作十余年。作为项目负责人主持建设了深圳坪山胶轮有轨电车等若干项目。

Liu Dong, Senior Engineer, General Manager of Low Capacity Division, Beijing Urban Construction Intelligent Control Co., Ltd. He has worked in the urban rail business sectors of CRRC and BYD for over ten years, engaged in product research and development, project delivery, and market development. Led the construction of several projects such as the Shenzhen Pingshan rubber wheel tram as the project leader.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

胡茂 / Hu Mao

FOGTEC Brandschutz GmbH 中国大区销售经理
Germany FOGTEC Regional Sales Manager of FOGTEC Railway System



胡茂，德国雾特灭火系统区域销售经理，曾参与并执行多个国内外铁路系统项目，经验丰富，深刻了解针对各类铁路车辆的系统设计、配置、安装和维护等相关专业。

Hu Mao, Regional Sales Manager of FOGTEC Fire Protection System, has participated in multiple domestic and overseas railway system projects, with rich experience and a deep understanding of system design, configuration, installation, and maintenance for various types of railway vehicles.

骆明宏 / Luo Minghong

南京消防器材股份有限公司副总经理，总工程师
Deputy General Manager and Chief Engineer of Nanjing Fire Protection Technology Co., Ltd.



骆明宏，从事消防产品研发及工程应用工作，兼中国科协科技人才奖项评审专家、中国消防协会会员、中国消防协会标准化工作委员会委员，江苏省消防协会标准化委员，浙江省安全技术防范行业协会应急技术委员会委员，南京工业大学“卓越安全工程师”计划校外授课教师，江苏省消防监督领域专家库成员，江苏省消防协会城市地下空间和轨道交通消防安全专业委员会副主任委员，南京市应急管理学会专家委员会专家；

Engaged in the R&D and engineering application of fire protection products, an evaluation expert of science and technology talent award of China Association for Science and Science and Technology Talent Award, a member of the China Fire Protection Association, a member of the Standardization Committee of the China Fire Protection Association, a member of Standardization Committee of the Jiangsu Fire Protection Association, a member of the Emergency Technology Committee of the China Security Technology Prevention Industry Association, an off campus teacher for the “Excellent Safety Engineer” program at Nanjing Tech University, a member of the Jiangsu Fire Protection Supervision Expert Database, the Vice Chairman of the Urban Underground Space and Rail Transit Fire Safety Committee of the Jiangsu Fire Protection Association, and an expert in Expert Committee of Nanjing Society of Emergency Management;

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘俐 / Liu Li

上海市隧道工程轨道交通设计研究院副总工程师

*Shanghai Tunnel Engineering and Rail Transit Design and Research Institute
Deputy Chief Engineer*



刘俐，教授级高级工程师，从事轨道交通设计工作 36 年，涵盖轨道交通规划、总体、线路和车场等专业设计和监理工作，现上海市隧道工程轨道交通设计研究院副总工程师。上海市注册咨询专家和上海市交通运输行业协会轨道交通专业委员会专家。参与多地的轨道交通标准的编写。主持和参与了国内外十几个城市的轨道交通线网规划、建设规划、总体、线路各阶段设计、评审等项目研究和咨询工作。所负责或参与的设计咨询成果曾获国际、全国和地方优秀咨询成果奖等各类奖项 10 余次。

As a professorate senior engineer, he has been engaged in rail transit design for 36 years, covering professional design and supervision such as rail transit planning, overall planning, line and yard. He is currently the Deputy Chief Engineer of Shanghai Tunnel Engineering and Rail Transit Design and Research Institute. Registered consulting expert in Shanghai and expert in the Rail Transit Committee of Shanghai Transportation Trade Association. Participated in the drafting of rail transit standards in multiple regions. Led and participated in research and consulting on rail transit network planning, construction planning, overall and line design, evaluation, and other projects in more than ten cities both domestically and internationally. The design consulting achievements he is responsible for or participated in have won more than 10 awards, including international, national, and local excellent consulting achievements awards.

刘晓亮 / Liu Xiaoliang

上海羿鹏交通科技集团有限公司副总裁、技术总监

*Shanghai Tunnel Engineering and Rail Transit Design and Research Institute
Deputy Chief Engineer*



刘晓亮，上海羿鹏交通科技集团有限公司副总裁、技术总监，工学硕士，毕业于德国汉诺威大学电子信息工程专业。带领羿鹏技术团队开展轻型悬挂式单轨的研发和调试工作，获得了丰硕的成果。曾任职西门子德国、卡斯柯信号、上海电气泰雷兹等轨交行业龙头企业，17 年轨交行业技术研发、系统构架、项目管理及市场推广经验。。

Chief Technology Officer of EPN Mobility Group Co., Ltd., Master of Engineering, graduated from the University of Hanover in Germany with a major in Electronic and Information Engineering. He led the Yipeng technical team to carry out the research and commissioning of lightweight suspension monorails, and achieved fruitful results. He has worked for leading companies in the rail transit industry such as Siemens Germany, CASCO Signal, and Thales SEC Transport, with 17 years of experience in technology research and development, system architecture, project management, and market promotion in the rail transit industry.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张弛 / Zhang Chi

中车南京浦镇车辆有限公司技术中心副主任兼结构研发部部长
*Deputy Director of Technical Center and Director of Structural Research
Development Department, CRRC Nanjing Puzhen Co., Ltd.*



中车南京浦镇车辆有限公司 技术中心副主任兼结构研发部部长 中车资深技术专家。

长期从事轨道交通车辆设计、开发、研究相关工作，曾负责浦镇公司自主知识产权 100% 低地板车辆平台、全球首个全景式悬挂式单轨车辆、全球首个数字轨道胶轮电车等多个项目开发，在城市轨道交通车辆及系统开发方面拥有多年经验。

Deputy Director of Technical Center and Director of Structural Research & Development Department, CRRC Nanjing Puzhen Co., Ltd., Senior technical expert of CRRC.

He has been engaged in the design, development, and research of rail transit vehicles for a long time, and has been responsible for the development of multiple projects, including the 100% low-floor vehicle platform with independent intellectual property rights of CRRC Nanjing Puzhen, the world's first panoramic suspension monorail vehicle, and the world's first digital track rubber-tyre electric vehicle. He has many years of experience in the development of urban rail transit vehicles and systems.

邓敏 / Deng Min

南京轨道交通系统工程有限公司总工程师、产品创新中心经理
Chief Engineer and General Manager of Product Innovation Center



邓敏，研究员级高工，南京轨道交通系统工程有限公司总工程师，从事于轨道交通机电自动化领域研究。南京现代综合交通实验室双聘研究员，《都市快轨交通》青年编委，中国城市轨道交通协会信息化专委会委员。主持多项省市科技攻关项目，完成自主产品开发，成果在哈尔滨、嘉兴、滁州、西安、天津等城轨项目落地应用，作为主要发明人授权了十多项发明专利。

Researcher-level senior engineer, Chief Engineer of Nanjing Rail Transit Systems Co., Ltd., engaged in research in the field of electromechanical automation in rail transit. Dual-employed researcher of Nanjing Modern Comprehensive Transportation Laboratory, young editorial board member of Urban Rapid Rail Transit, and member of the Informationization Committee of China Association of Metros. He has led multiple provincial and municipal scientific and technological research projects, completed independent product development, and applied the results in urban rail projects such as Harbin, Jiaxing, Chuzhou, Xi'an, and Tianjin, and has authorized more than ten invention patents as the main inventor.

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨融合发展论坛暨总工沙龙 ——融合创新 聚力城轨可持续发展

Urban Rail Transit Integrated Development Forum & Chief Engineers Salon - Fusion and Innovation, Collaborating Sustainable Development of Urban Rail Transit Industry

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 13:30-18:00

论坛地点: 南京国际博览会议中心 3 层 钟山厅

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会绿色智慧城轨建设领导小组办公室

中国城市轨道交通协会设计咨询专委会

北京中城轨文化传播有限公司

协办单位: 南京地铁集团有限公司、北京市基础设施投资有限公司、深圳市地铁集团有限公司、无锡地铁集团有限公司

大连公共交通建设投资集团有限公司、青岛地铁集团有限公司、苏州市轨道交通集团有限公司

支持单位: 北京城建设计发展集团股份有限公司、广州地铁设计研究院股份有限公司、中铁工程设计咨询集团有限公司

中车南京浦镇车辆有限公司、深信服科技股份有限公司、株洲中车时代电气股份有限公司

Time: June 14, 2024 13:30-18:00

Place: Zhongshan Hall, 3rd Floor, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Office of the Leading Group for Green and Smart Urban Rail Construction Leadership Group of China Association of Metro
Design & Consulting Committee of China Association of Metros
Beijing CAMET Culture Communication Co., Ltd.

Co-organizer: Nanjing Metro Group Co., Ltd. Beijing Infrastructure Investment Co., Ltd. Shenzhen Metro Group Co., Ltd.
Wuxi Metro Group Co., Ltd. Dalian Public Transport Construction Investment Group Co., Ltd.
Qingdao Metro Group Co., Ltd. Suzhou Rail Transit Group Co., Ltd.

Supported by: Beijing Urban Construction Design & Development Group Co., Ltd. Guangzhou Metro Design & Research Institute Co., Ltd.
China Railway Engineering Design and Consulting Group Co., Ltd. CRRC Nanjing Puzhen Co., Ltd.
Sangfor Technologies Co., Ltd. Zhuzhou CRRC Times Electric Co., Ltd.

论坛议程 / FORUM AGENDA

| | |
|-----|---------------------------------|
| 主持人 | 娄永梅 中国城市轨道交通协会绿色智慧城轨建设领导小组办公室主任 |
|-----|---------------------------------|

一、领导致辞

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|------|------|-------------------|
| 13:30-13:35 | 领导致辞 | 丁树奎 | 中国城市轨道交通协会 副会长 |
| 13:35-13:40 | 领导致辞 | 王汉军 | 中国城市轨道交通协会 副会长 |

二、主题发言

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-----|------|------|-------|
|-----|------|------|-------|

融合城轨发展指南解读及示范项目分享

| | | | |
|-------------|--|-----|----------------------------|
| 13:40-14:00 | 建设融合城轨 助力城轨可持续高质量发展 | 邢智明 | 中国城市轨道交通协会专家和学术委员会 荣誉委员 |
| 14:00-14:15 | 多元融合赋能高质量发展新局面 携手共促新质生产力发展新动能 ——无锡多元融合示范项目的探索与实践 | 张 军 | 无锡地铁集团有限公司 党委书记、董事局主席 |
| 14:15-14:20 | 《无锡城轨交通多元融合可持续发展示范项目》阶段成果发布 | | |

多元融合案例分享及技术支撑探讨

| | | | |
|-------------|---------------------------------|-----|---|
| 14:20-14:35 | 大连公交地铁两网融合案例成果分享 | 王晓辉 | 大连公共交通投资集团党委书记、董事长 |
| 14:35-14:50 | 南京都市圈智慧市域快轨示范工程探索与实践 | 王 健 | 南京地铁集团有限公司 副总工程师、技术中心主任 |
| 14:50-15:05 | 融合突破 创新发展 ——新技术赋能轨道交通装备高质量发展 | 曾要争 | 中车南京浦镇车辆有限公司 副总经理 总工程师 |
| 15:05-15:20 | 城轨可持续发展状态评价新思维 | 于松伟 | 中国城市轨道交通协会专家和学术委员会 副主任、设计咨询专家委员会副主任兼秘 书长、北京城建设计发展集团副总经理 |

论坛议程 / FORUM AGENDA

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|---|------|--|
| 15:20-15:35 | 创新驱动 多元融合 推动城轨交通高质量发展 | 农兴中 | 广州地铁设计研究院股份有限公司董事长 |
| 15:35-15:50 | 综合交通枢纽智慧化融合创新发展与实践 | 吴 昊 | 北京智慧城市网络有限公司总经理 |
| 15:50-16:05 | 网络一体化运营下的票务清分方案研究 | 周世爽 | 深圳市深圳通有限公司 原董事长 |
| 16:05-16:20 | 文旅“破圈”赋能可持续高质量发展 ——苏州轨道交通“文旅融合”工作探索与实践 | 蒋 丽 | 苏州轨道交通资源开发有限公司 党支部书记、董事长 |
| 主持人 | 邢智明 中国城市轨道交通协会专家学术委员会荣誉委员 | | |
| 16:20-16:35 | 城轨云数字化底座之云边端架构 | 李中浩 | 中国城市轨道交通协会 专家学术委员会荣誉委员 |
| 16:35-16:50 | 数字赋能轨道交通与城市融合发展 | 王 臣 | 中国城市轨道交通协会设计咨询专委会副 秘书长，北京城建设计发展集团股份有限 公司副总经理，轨道院院长 |
| 16:50-17:05 | 网络安全保障融合城轨高质量发展 | 胡佳乐 | 深信服科技股份有限公司 交通事业部技术总监 |
| 17:05-17:20 | 青岛地铁融合城轨工程应用实践 | 罗情平 | 青岛地铁集团有限公司 副总工程师 |
| 17:20-17:35 | 城市轨道交通绿智融合发展模式和路径 | 魏宏伟 | 中铁工程设计咨询集团有限公司 电通院副院长、总工程师 |
| 17:35-17:50 | 聚焦系统融合创新 赋能城轨新质发展 | 胡云卿 | 株洲中车时代电气股份有限公司 副总经理、总工程师 |
| 三、大会总结 | | | |
| 17:50-18:00 | 大会总结 | 姜永梅 | 中国城市轨道交通协会 绿色智慧城轨建设领导小组办公室主任 |
| 会议结束 | | | |

论坛议程 / FORUM AGENDA

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|---|---|----------------|--|
| Host | Lou Yongmei, director of the Office of the Leading Group for Green and Smart Urban Rail Construction Leadership Group of China Association of Metros | | |
| 1. LEADERS' SPEECHES | | | |
| TIME | TOPICS | SPEAKERS | UNIT&POSITION |
| 13:30-13:35 | Leaders' speeches | Ding Shukui | Vice president of China Association of Metros |
| 13:35-13:40 | Leaders' speeches | Wang Hanjun | Vice president of China Association of Metros |
| II. KEYNOTE SPEECHES | | | |
| TIME | TOPICS | SPEAKERS | UNIT&POSITION |
| Interpretation of Introduction to the Guide the Integrated Urban Rail Development and Sharing of Demonstration Projects | | | |
| 13:40-14:00 | Build Integrated Urban Rail to Enable the Sustainable and High-quality Development of Urban Rail | Xing Zhiming | Honorary member of Academic Committee of China Association of Metros |
| 14:00-14:15 | Diversified Integration Empowers a New Situation of High-quality Development Join Hands to Promote New Quality Productivity and Develop New Momentum -Exploration and Practice of Multi-integration Demonstration Project in Wuxi | Zhang Jun | Secretary of the Party Committee and Chairman of the Board of Directors of Wuxi Metro Group |
| 14:15-14:20 | Release of the stage results of the Wuxi Urban Rail Transit Diversified Integration Sustainable Development Demonstration Project | | |
| Multi-integration Case Sharing and Discussion of Technical Support | | | |
| 14:20-14:35 | Sharing of the Results of Dalian Bus & Subway Network Integration | Wang Xiaohui | Secretary of the Party Committee and Chairman of Dalian Public Transport Construction and Investment Group |
| 14:35-14:50 | Exploration and Practice Intelligent Rapid Rail in the Nanjing Metropolitan Area. | Wang Jian | Deputy chief engineer and director of Technology Center of Nanjing Metro Group Co., Ltd. |
| 14:50-15:05 | New technologies empower the high-quality development of rail transit equipment | Zeng Yaozheng | Deputy general manager and chief engineer of CRRC Nanjing Puzhen Co., Ltd. |
| 15:05-15:20 | New Thinking on Evaluation of Sustainable Development State of Urban Rail Transit | Yu Songwei | Deputy Director of Experts & Academic Committee of the China Association of Metroas well as Deputy Director and Secretary General of the Design Consulting Expert Committee,Deputy General Manager of UCD. |
| 15:20-15:35 | Innovation Driven and Diversified Integration: Promote the High-quality Development of Urban Rail Transit | Nong Xingzhong | Chairman of Guangzhou Metro Design & Research Institute Co., Ltd. |

论坛议程 / FORUM AGENDA

| TIME | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|---|----------------|---|
| 15:35-15:50 | Innovative Development and Practice of the Intelligent Integration of Comprehensive Transportation Hub | Wu Hao | General manager of Beijing Smart City Network Co., Ltd. |
| 15:50-16:05 | Research on Ticket Sorting Scheme under the Background of Network Integration Operation | Zhou Shishuang | Former chairman of Shenzhen Tong Co., Ltd. |
| 16:05-16:20 | Cultural Tourism Breaks Boundaries to Empower Sustainable and High-quality Development-Exploration and Practice of Suzhou Rail Transit "Integration of Culture and Tourism" | Jiang Li | Party Branch secretary and chairman of Suzhou Rail Transit Resources Development Co., Ltd. |
| Host | Xing Zhiming, honorary member of Academic Committee of China Association of Metros | | |
| 16:20-16:35 | Cloud edge-end architecture of urban rail cloud digital base | Li Zhonghao | Honorary member of Academic Committee of China Association of Metro |
| 16:35-16:50 | Digital Intelligence Empowers the Integrated Development of Urban Rail Transit | Wang Chen | Deputy general secretary of the Design & Consulting Committee of China Association of Metros, deputy general manager of Beijing Urban Construction Design & Development Group Co., Ltd. |
| 16:50-17:05 | Network security guarantee integrates high-quality development of urban rail | Hu Jiale | Technical director of Transportation Division of Sangfor Technologies Co., Ltd. |
| 17:05-17:20 | Application Practice of Qingdao Metro Fusion Urban Rail Project | Wei Hongwei | Vice president and chief engineer of Electrical Engineering DRI and Communication Signals DRI of China Railway Engineering Design and Consulting Group Co., Ltd. |
| 17:35-17:50 | Focus on System Integration and Innovation, Empower the New Quality Development of Urban Rail | Hu Yunqing | Deputy general manager and chief engineer of Zhuzhou CRRC Times Electric Co., Ltd. |

3. Summary of the forum

| | | | |
|-------------|----------------------|-------------|---|
| 17:35-17:50 | Summary of the forum | Lou Yongmei | Director of the Office of the Leading Group for Green and Smart Urban Rail Construction Leadership Group of China Association of Metros |
|-------------|----------------------|-------------|---|

End of the meeting

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

丁树奎 / Ding Shukui

中国城市轨道交通协会副会长

Vice President of China Association of Metros



丁树奎，中国城市轨道交通协会副会长。曾任北京市基础设施投资有限公司党委副书记、副董事长，北京轨道交通建设管理有限公司总经理。享受国务院特殊津贴，曾荣获“北京市有突出贡献的科学、技术、管理人才”、“北京科技领军人才”、“推进‘北京创造’的科技人物”“北京市劳动模范”等称号，两次获得国家科学技术进步奖二等奖，被业界封为“中国城市轨道交通的行动派”。

Ding Shukui, Vice president of China Association of Metros Former deputy secretary and vice chairman of the party committee of Beijing Infrastructure Investment Co., Ltd., and the general manager of Beijing Rail Transit Construction Management Co., Ltd. Expert with the special allowance of the State Council; won the titles of "Science, Technology and Management Talents with Outstanding Contributions in Beijing", Leading Talents in Science and Technology in Beijing, Scientific and Technological Figures Promoting "Beijing Creation" and Model Worker in Beijing; won the second prize of the National Science and Technology Progress Award, and is called "a doer in China's Urban Rail Transit" by peers.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王汉军 / Wang Hanjun

中国城市轨道交通协会副会长

北京城建设计发展集团股份有限公司总经理

Vice President of China Association of Metros

General manager of Beijing Urban Construction Design & Development Group Co., Ltd.



王汉军，教授级高级工程师、一级建造师。同时还担任中国城市轨道交通协会副会长、设计咨询专委会主任；中国土木工程学会轨道交通分会理事长；城市轨道交通绿色与安全建造技术国家工程实验室理事长。

长期从事轨道交通相关研究及成果转化工作，在规划设计、投资建设、运营维护、科技产业化及 TOD 置业开发等方面有深入研究和独到见解。牵头组织多个重大轨道交通投资建设及 TOD 置业开发项目，这些项目都成为了城市轨道交通投资建设模式、商业开发及运营创新的成功范例。组织研究团队开发了一系列以运营为导向的专有技术，开创性的将多项专有技术转化为装备产品，并成功商业应用。

Mr. Wang Hanjun has been engaged in rail transit-related research and achievement transformation for a long time, and has in-depth research and unique insights in planning and design, investment and construction, operation and maintenance, technology industrialization, and TOD real estate development. He has led the organization of a number of major rail transit investment and construction and TOD real estate development projects, which are good examples of urban rail transit investment and construction models, commercial development and operation innovation. He has organized the research team to develop a series of operation-oriented proprietary technologies, pioneered the transformation of multiple proprietary technologies into equipment products, and successfully applied them commercially.

Mr. Wang Hanjun is a professor-level senior engineer and a first-class construction engineer. He also serves as the vice president of China Association of Metros and the director of the Design Consulting Committee of the China Association of Metros, president of Rail Transit Branch of China Civil Engineering Society, and chairman of the National Engineering Laboratory for Green and Safe Construction Technology of Urban Rail Transit.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张军 / Zhang Jun

无锡地铁集团有限公司党委书记、董事局主席

Wuxi Metro Group Co., Ltd. Secretary of the Party Committee, Chairman of the Board of Directors



张军，现任无锡地铁集团有限公司党委书记、董事局主席，省委党校研究生学历，正高级经济师，江苏省企业联合会常务理事、无锡市人大代表。从事无锡城市轨道交通管理工作 15 年来，参与管理的轨道交通工程曾获国家优质工程金质奖、鲁班奖、詹天佑奖、火车头奖杯等国家级荣誉。主持完成多个无锡地铁创新项目，并获全国企业管理现代化创新成果二等奖、江苏省一等奖。组织研究实施无锡城轨交通多元融合可持续发展示范项目，为中国城市轨道交通事业提供无锡方案。曾获全省铁路工作先进个人、无锡市城市建设突出贡献集体二等功、无锡市劳动模范等先进荣誉称号。

Zhang Jun, currently the Secretary of the Party Committee and Chairman of the Board of Directors of Wuxi Metro Group Co., Ltd., holds a graduate degree from the Provincial Party School, is a Professor-level Economist, Executive Director of Jiangsu Association of Undertakings, and Representative of Wuxi Municipal People's Congress. He has been engaged in the management of urban rail transit in Wuxi for 15 years. The rail transit projects he has participated in have won national level honors such as the National Quality Engineering Gold Award, Luban Prize for Construction Project, Tien-yow Jeme Civil Engineering Prize, and Railway Locomotive Medal. He has led and completed multiple innovative projects for Wuxi Metro, and has won the second prize of National Enterprise Management Modernization Innovation Achievement and the first prize of Jiangsu Province. He organized research and implementation of the Wuxi Urban Rail Transit Diversified Integration Sustainable Development Demonstration Project, providing Wuxi solutions for China's urban rail transit industry. He has won advanced honorary titles such as exemplary individual in railway in the province, second class collective merit for outstanding contributions to urban construction in Wuxi, and model worker in Wuxi.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王晓辉 / Wang Xiaohui

大连公共交通投资集团党委书记、董事长

*Dalian Public Transport Construction and Investment Group
Secretary of the Party Committee and Chairman*



王晓辉，教授级高级工程师，现任大连公共交通建设投资有限公司党委书记、董事长。毕业于大连理工大学地震与防护工程专业，研究生学历，硕士学位，在校期间任第 22 届全国学联副主席。先后在大连市住建局、自然资源局、临空经济区等多部门任职，曾荣获大连市五一劳动奖章、辽宁省安全保卫个人一等功等荣誉称号。

Wang Xiaohui, a professorate senior engineer, currently serves as the Party Secretary and Chairman of Dalian Public Transport Construction and Investment Group. He graduated from Dalian University of Technology with a Master's degree in Earthquake and Protection Engineering. During his time at school, he served as the Vice Chairman of the 22nd All-China Students' Federation. He has successively served in multiple departments such as Dalian Municipal Bureau of Housing and Urban-rural Development, Bureau of Natural Resources, Dalian, China, and Jinzhou Bay Airport Economic Zone, Dalian, and has been awarded honors such as Dalian May 1st Labour Medal and Liaoning Province Security Guard Individual First Class Merit.

于松伟 / Yu Songwei

中国城市轨道交通协会专家和学术委员会副主任

设计咨询专家委员会副主任兼秘书长

北京城建设计发展集团副总经理

*Deputy Director of Experts & Academic Committee of the China Association of Metro,
as well as Deputy Director and Secretary General of the Design Consulting Expert Committee,
Deputy General Manager of UCD.*



于松伟，教授级高级工程师，现担任北京城建设计发展集团股份有限公司副总经理。1987 年从西南交通大学铁道电气化专业毕业后分配到城建设计，34 年来一直从事国内外城市轨道交通工程设计研究工作，是城建设计勘察设计领域优秀的领军人物。他以严谨踏实的工作态度，求真务实的工作作风，给众多青年设计师树立了良好的榜样，也为城建设计在勘察设计领域的发展做出了突出贡献。先后获“2015 年科技北京百名领军人才”、“2005 年北京市劳动模范”、“2016 年国务院政府特殊津贴专家”等荣誉。

Yu Songwei, a professorate senior engineer, currently serves as the Deputy General Manager of Beijing Urban Construction Design & Development Group Co., Ltd. He graduated from the Railway Electrification major at Southwest Jiaotong University in 1987 and was assigned to urban construction design. For 34 years, he has been engaged in domestic and international urban rail transit engineering design and research, and is an outstanding leader in the field of urban construction design, survey and design. With a rigorous and down-to-earth work attitude and a pragmatic work style, he has set a good example for many young designers and made outstanding contributions to the development of urban construction design in the field of survey and design. He has successively won the honors of "TOP100 Leading Talents of Science and Technology in Beijing in 2015", "Model Worker of Beijing in 2005", "Expert with Special government allowances of the State Council in 2016", etc.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李中浩 / Li Zhonghao

中国城市轨道交通协会专家和学术委员会荣誉委员

Honorary member of Academic Committee of China Association of Metros



李中浩，教授级高级工程师。机车交流电传动，交通运输规划与管理工程双硕士学位，国际项目管理协会国际项目管理大师（IPMP-A）。曾任铁道部科技司副司长，铁道部信息技术中心主任，中铁信息工程集团董事长、总裁，西南、北京、兰州交通大学、同济大学兼职教授。现任中国轨道交通协会专家与学术委员会荣誉委员，中咨公司轨道交通产业专家组成员，国家发改委高端产业创新性示范工程专家委员会委员。曾多次获得国家、铁道部、铁道协会科技进步奖；两次获铁道部颁发的火车头奖章；获国家专家特殊津贴。

Li Zhonghao, Professor-level senior engineer Has double master's degree in locomotive AC drive and transportation planning and management engineering, International Project Management Master (IPMP-A) of the International Project Management Association, former deputy director of the Science and Technology Department of the Ministry of Railways, director of the Information Technology Center of the Ministry of Railways, and chairman and president of SinoRail Information Engineering Group, part-time professor at Southwest University, Peking University, Lanzhou Jiaotong University and Tongji University. Currently an honorary member of Experts and Academic Committee of China Association of Metros, member of the Rail Transit Industry Expert Group of CIECC, and a member of the High-end Industry Innovation Demonstration Project Expert Committee of the National Development and Reform Commission. Repeatedly won the Science and Technology Progress Award of the State, the Ministry of Railways and China Railway Society; Won the Locomotive Medal issued by the Ministry of Railways twice; and enjoys the special government allowances of the State Council.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

邢智明 / Xing Zhiming

中国城市轨道交通协会专家和学术委员会荣誉委员

Honorary Member of Experts & Academic Committees of CAMET



邢智明，教授级高级工程师，享受国务院特殊津贴专家，协会专家和学术委员会原副主任、荣誉委员。《中国城市轨道交通智慧城轨发展纲要》《中国城市轨道交通绿色城轨发展行动方案》和《中国城市轨道交通融合城轨发展指南》主要参编者。中国标准城轨云体系架构主要创建者，城轨云“1-3-5-3”标准体系《中国城市轨道交通市域快轨交通技术规范——运控中心和信息化》总体规范、《城市轨道交通信息技术构架及网络安全规范》等3部技术标准、《城市轨道交通关键技术研究规范》等5部关键技术标准及《城市轨道交通信息化工程设计规范》等3部实用标准总体设计，主要参编者、指导专家。

Xing Zhiming, professor-level senior engineer, expert with special allowances from the State Council, experts of China Association of Metros, former deputy director of Academic Committee and honorary member. Main editor of Development Outline of Smart Urban Rail of Urban Rail Transit System in China, Green Urban Rail Development Action Plan of China Urban Rail Transit and China Urban Rail Transit Integrated Urban Rail Development Guide. The main creator of China's standard urban rail cloud system architecture, the designer, main editor and guiding expert of the overall specification of the urban rail cloud "1-3-5-3" standard systems", i.e. the China Urban Rail Transit Urban Rapid Rail Transit Technical Specifications-Operation Control Center and Informatization, 3 technical standards including Urban Rail Transit Information Technology Framework and Network Security Specifications, 5 key technical standards including Urban Rail Transit Key Technology Research and Specifications, and 3 practical standards including Urban Rail Transit Informatization Engineering Design Specifications.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

娄永梅 / Lou Yongmei

中国城市轨道交通协会绿色智慧城轨建设领导小组办公室主任

Director of the Office of the Leading Group for Green and Smart Urban Rail Construction Leadership Group of China Association of Metros



娄永梅，曾任北京全路通信信号研究设计院集团有限公司通信所总工、设计所总工。现任中国城市轨道交通协会绿色智慧城轨建设领导小组办公室；中国城市轨道交通协会专家和学术委员会委员，通号城市轨道交通技术有限公司副总工。曾获北京市科技进步奖、中国勘察协会优秀市政工程奖、中国城市轨道交通协会科技进步奖。长期从事城市轨道交通通信、信息的设计、科研、标准工作。《地铁设计规范》通信章节主笔人。主持和参与多个中城协团体标准。

Lou Yongmei, The former chief engineer of the communication institute and the chief engineer of the design institute of CRSC Research & Design Institute Group Co., Ltd. Currently the director of the Office of the Leading Group for Green and Smart Urban Rail Construction Leadership Group of China Association of Metros, member of Experts and Academic Committee of China Association of Metros, and deputy chief engineer of CRSC Urban Rail Transit Technology Co., Ltd. Won the Beijing Municipal Science and Technology Progress Award, the Excellent Municipal Engineering Award of the China Engineering and Consulting Association, and the Science and Technology Progress Award of China Association of Metros. Engaged in the design, scientific research and standard work of urban rail transit communication and information for a long time. Lead author of the communication sections of Metro for Design of Metro. Presided over and participated in the preparation of a number of group standards of China Association of Metros.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王臣 / Wang Chen

中国城市轨道交通协会设计咨询专委会副秘书长
 北京城建设计发展集团副总经理、轨道院院长
Beijing Urban Construction Design & Development Group Co., Ltd.
Vice General Manager, President of Rail Transit Institute



王臣，现任中国城市轨道交通协会设计咨询专委会副秘书长。长期从事轨道交通和城市地下工程的咨询、设计研究工作。先后参与了北京、武汉和长春等城市数十项轨道交通和城市地下工程的设计咨询工作，获得了“北京市科学技术创新标兵”、北京市科技进步一等奖 1 项，获得了“明挖预制装配式地下结构施工方法”“明挖预制装配式地下结构”等 8 项国家发明专利、实用新型专利 18 项、国家省部级建筑设计一等奖 6 项，参与编制规范标准 3 项。

The current Deputy Secretary General of Design & Consulting Committee of China Association of Metros. He has been engaged in consulting, design and research work for rail transit and urban underground engineering for a long time. He has participated in the design and consulting of dozens of rail transit and urban underground projects in cities such as Beijing, Wuhan, and Changchun, and has won the "Beijing Science & Technology Innovation Model" and the first prize for Beijing Science and Technology Progress; received 8 national invention patents, 18 utility model patents, and 6 first prizes for national and provincial level architectural design in relation of "Construction Method for Open Cut Prefabricated Underground Structures" and "Open Cut Prefabricated Underground Structures"; and participated in the preparation of three normative standards.

王健 / Wang Jian

南京地铁集团有限公司副总工程师、技术中心主任
Nanjing Metro Group Co., Ltd. Deputy Chief Engineer, Director of Technical Centre



王健，参加南京地铁十余条线路工程建设，积累丰富轨道装备技术和管理经验。组织完善科研管理、标准管理等技术体系，牵头编制集团智慧城轨和绿色城轨发展规划，组织落实专项行动，重点推进南京都市圈市域智慧快轨示范工程。

Participated in the construction of more than ten metro lines in Nanjing, with rich experience in track equipment technology and management. Organized the improvement of scientific research management, standard management and other technical systems, led the preparation of the group's development plans for intelligent and green urban rail, organized and implemented special actions, and focused on promoting the demonstration project of regional intelligent rapid rail in the Nanjing metropolitan area.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

罗情平 / Luo Qingping

青岛地铁集团有限公司副总工程师

Deputy Chief Engineer of Qingdao Metro Group Co., Ltd



罗情平，教授级高工，青岛地铁集团有限公司副总工程师、一级专家，山东省“五一”劳动奖章获得者。从事城市轨道交通设备技术工作三十余年，是“列车自主运行系统（TACS）”国家示范项目技术负责人，承担青岛地铁集团智慧工地、智慧运维等多项科研项目，多次获得省、市科技奖项，在行业核心期刊上发表论文 30 余篇，并拥有多项专利和知识产权。

Luo Qingping Senior engineer, Deputy chief engineer and First-class expert of Qingdao Metro, Group Co., Ltd., I am winner of the "May Day" Labor Medal of Shandong Province. I have been engaged in urban rail transit equipment technology for more than 30 years. I am the technical leader of the "Train Autonomous Circumambulation System (TACS)", undertakes a number of scientific research projects such as Digital Donstructing and Smart Operation and Maintenance of Qingdao Metro Group. I have won many provincial and municipal science and technology awards, published more than 30 papers in core journals, and has a number of patents and intellectual property rights.

农兴中 / Nong Xingzhong

广州地铁设计研究院股份有限公司董事长

Guangzhou Metro Design & Research Institute Co., Ltd. Chairman



农兴中，1992 年毕业于清华大学，国家“万人计划”科技领军人才，享受国务院政府特殊津贴专家，广东省工程勘察设计大师，教授级高级工程师。主持完成十三五国家重点研发计划先进轨道交通课题攻关和国内第一条时速最高 120km/h 的地铁快线——广州地铁 3 号线等 20 多项城市轨道交通重大工程项目，荣获国家科技进步二等奖、省部级科技进步奖、全国优秀设计一等奖等多项奖励，参编标准 10 多项，出版专著 15 部，发表论文 40 余篇。

Xingzhong Nong, graduated from Tsinghua University in 1992, national "Ten Thousand Talents Program" science and technology leading talent, expert enjoying the special government allowance from the State Council, guangdong engineering survey and design master, professor-level senior engineer. He presided over "Advanced Rail Transit" project of the 13th Five Year National Key R&D Plan, as well as more than 20 major urban rail transit engineering projects such as Guangzhou Metro Line 3 (the first high-speed subway line in China with a maximum speed of 120km/h). He won the second prize of national scientific and technological progress, the provincial and ministerial scientific and technological progress award, the first prize of national excellent design, etc., participated in more than 10 standards, and published 15 monographs and more than 40 papers.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

吴昊 / Wu Hao

北京智慧城市网络有限公司总经理

Senior Engineer. General Manager of Beijing Smart City Network Co., Ltd.



吴昊，正高级工程师。北京智慧城市网络有限公司总经理，詹天佑铁道科学技术奖青年奖获得者，北京市轨道交通学会杰出青年人才，长期致力轨道交通核心技术及重大装备自主创新及应用，始终引领行业发展方向，参与提出并践行适合多专业系统协同重大工程的“政产学研用金”协同创新模式。作为城市轨道交通领域设备系统科研带头人，主持完成多项国家和省部级科技项目，提出并参与完成了区域轨道交通智能信息服务关键设备研制、代表世界领先水平的智慧城轨新一代智能列车一体化平台设备研制等核心装备，规划并组织实施北京轨道交通安全防范国内首个物联网示范工程、北京轨道交通冬奥支线智慧地铁示范线工程，形成“北京模式”。

Wu Hao, senior engineer. General Manager of Beijing Smart City Network Co., Ltd., winner of Zhan Tian You Railway Science and Technology Award Youth Award, outstanding young talent of Beijing Rail Transit Society; has long been committed to the independent innovation and application of the core technology and major equipment of rail transit, leading the development direction of the industry; participates in proposing and practicing the collaborative innovation model of "government, industry, university and research funds" suitable for major multi-professional system collaborative projects. As the scientific research leader of equipment system in the field of urban rail transit, he presided over the completion of a number of national, provincial and ministerial-level scientific and technological projects, proposed and participated in the completion of the development of key equipment for regional rail transit intelligent information services, and the development of core equipment such as the new generation of intelligent train integrated platform equipment for smart urban rail of world's leading level. He has also planned and organized the implementation of the first domestic Internet of Things demonstration project Beijing rail transit safety prevention, and the smart subway demonstration line project of the Beijing rail transit Winter Olympics branch line, forming a "Beijing model".

蒋丽 / Jiang Li

苏州轨道交通资源开发有限公司党支部书记、董事长

Party Branch secretary and chairman of Suzhou Rail Transit Resources Development Co., Ltd.



蒋丽，研究生学历，硕士学位，党员，历任苏州市轨道交通集团有限公司办公室主任、党群宣传处处长，现任苏州轨道交通资源开发公司党支部书记、董事长，主要负责轨道交通附属资源经营的管理工作。

Jiang Li, with a postgraduate diploma and a master's degree, a Party member, has successively served as Office Director of Suzhou Rail Transit Group Co., Ltd., and Director of Party & Mass Propaganda Department. She is currently the Party Branch Secretary and Chairman of Suzhou Rail Transit Resources Development Co., Ltd., mainly responsible for the management of operation of rail transit ancillary resources.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

周世爽 / Zhou Shishuang

深圳市深圳通有限公司原董事长
Former chairman of Shenzhen Tong Co., Ltd.



周世爽，教授级高工，中国城市轨道交通协会专家和学术委员会专家、深圳市福田区英才，多年来一直深耕轨道交通自动售检票系统及相关行业。参加了深圳地铁一至四期的自动售检票设备系统的建设和运营工作，牵头搭建了深圳地铁票制票价和清分体系；多次主持参加国家、行业标准的编制工作，作为行业专家参加省部级的科研攻关项目，在行业内有一定的影响力。在工作中开拓创新，主持研发的深圳地铁乘车码、深圳市一码通行、数字人民币应用、碳普惠等项目在国内媒体广泛报道，为智慧交通新业态提供了成功典范，达到国内领先水平。

Zhou Shishuang, professor-level senior engineer, expert of China Association of Metros and Academic Committee, talent of Futian District, Shenzhen. He has been deeply involved in rail transit automatic fare collection system and related industries for many years. Participated in the construction and operation of the automatic fare collection equipment system of Shenzhen Metro phases I to IV, and led the establishment of the Shenzhen Metro Ticket System and Sorting System; Presided over and participated in the compilation of many national and industry standards, participated in provincial and ministerial scientific research projects as an industry expert, and has great influence in the industry. Through pioneering and innovation, he presided over the research and development of projects such as Shenzhen metro code, Shenzhen Mobility QR Code, digital RMB application, and carbon inclusiveness, which have been widely reported by domestic medias, providing domestically advanced examples for the new format of smart transportation.

魏宏伟 / Wei Hongwei

中铁工程设计咨询集团有限公司电通院副院长、总工程师
China Railway Engineering Design and Consulting Group Co., Ltd.
Chief Engineer/ Vice Dean



魏宏伟，1991年7月～2009年6月在中铁第一勘察设计院电化处工作。2009年7月至今在中铁工程设计咨询集团有限公司电通院工作，担任副院长、总工程师，教授级高级工程师，是国铁集团专家库成员，主要从事铁道电气化及城市轨道交通设计及咨询工作。担任全国电压电流等级和频率标准化技术委员会（SAC/TC1）委员，中国铁道学会电气化委员会委员，中国铁道学会标准化专业技术委员会（电气化）委员。

Wei Hongwei, From July 1991 to June 2009, he worked in the Electrification Division of China Railway First Survey and Design Institute. Since July 2009, he has worked in the Electrification Institute of China Railway Engineering Consulting Group Co., Ltd. as a vice president, chief engineer, professor-level senior engineer, and member of the expert pool of the National Railway Group. He mainly engages in railway electrification and urban rail transit design and consulting work. He serves as a member of the National Technical Committee on Voltage, Current Levels and Frequency Standardization (SAC/TC1), a member of the Electrification Committee of the China Railway Society, and a member of the Standardization Technical Committee (Electrification) of the China Railway Society.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

曾要争 / Zeng Yaozheng

中车南京浦镇车辆有限公司副总经理、总工程师

Deputy General Manager and Chief Engineer of CRRC Nanjing Puzhen Co., Ltd.



曾要争，正高级工程师，享受国务院政府特殊津贴，现任中车南京浦镇车辆有限公司副总经理总工程师，长期从事轨道交通车辆研制工作，在我国自主知识产权地铁、复兴号 160 公里动力集中动车组、市域（郊）车辆平台、城轨中小运量产品等重大项目平台建设中起到了关键核心作用，国内城轨关键技术实现了多项突破，形成了自主化、系列化和多元化轨道车辆产品平台，实现时速 80 公里至 120 公里 A/B 铝合金、不锈钢车体地铁产品平台及直流制式核心技术自主化，推动永磁直驱迭代、数轨迭代、无人驾驶、大数据等新技术不断在车辆上落地，同时，积极关注轨道交通未来发展新趋势，开展车车通信、融合和一体化等关系城轨长远未来的新技术研究，将车辆和信号深度融合，提升产业链系统解决方案输出能力，解决制约我国城市轨道交通发展的瓶颈问题，共发表论文 15 篇，发布标准 2 项，其中国家标准 1 项，团体标准 1 项；有效专利共 39 件，其中发明专利 27 件，实用新型 11 件，外观专利 1 件；科技奖项 7 项。

Zeng Yaozheng, senior engineer, an expert enjoys special government allowances from the State Council, is currently the deputy general manager and chief engineer of CRRC Nanjing Puzhen Co., Ltd. He has been engaged in the development of rail transit vehicles for a long time, and has been playing a key core role in the construction of major project platforms such as metros with independent intellectual property rights, Fuxing 160 km power concentrated EMU, urban (suburban) vehicle platform, urban rail small and medium capacity products; He has achieved many breakthroughs in key technologies of domestic urban rail, forming independent, serialized and diversified rail vehicle product platforms, built a platform of speed of 80 kilometers to 120 kilometers per hour A/B aluminum alloy, stainless steel car body subway products and realized DC standard core technology autonomy, thus promoting permanent magnet direct drive iteration, digital track iteration, unmanned driving, big data and other new technologies continue to be used on vehicles. At the same time, he pay close attentions to the new development trend of rail transit, carry out researches on new technologies related to the long-term development of urban rail, such as vehicle-vehicle communication, integration and combination, and carries out research on new technologies related to the long-term future of urban rail, deeply integrate vehicles and signals, and enhances the output capability of industrial chain system solutions, so as to solve the bottleneck problems restricting the development of urban rail transit in China. He has published a total of 15 papers, participated in the preparation of a national standard and a group standard; obtained 39 valid patents, including 27 invention patents, 11 utility model patents and 1 appearance patent; and won 7 science and technology awards.

城轨融合发展论坛暨总工沙龙 ——融合创新 聚力城轨可持续发展

Urban Rail Transit Integrated Development Forum & Chief Engineers Salon - Fusion and Innovation, Collaborating Sustainable Development of Urban Rail Transit Industry

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

胡佳乐 / Hu Jiale

深信服科技股份有限公司交通事业部技术总监

Technical Director of the Transportation Business Department of Sangfor Technology Co., Ltd.



胡佳乐，深信服交通事业部技术总监。近年来，一直致力于中国城市轨道交通行业信息化系统解决方案的开发工作，曾参与中国城市轨道交通协会发布的《中国智慧城市轨道交通信息技术架构及网络安全规范》、《城市轨道交通 边缘计算服务 技术规范》编写工作，并深度参与济南、天津、合肥等地方城轨云平台以及网络安全以及信息化系统顶层设计规划，对中国城市轨道交通行业信息架构的发展和建设趋势有着深度洞察。

Mr. Hu Jiale, Technical Director of the Transportation Business Department of Sangfor Technology Co., Ltd. In recent years, he has been committed to the development of information system solutions for China's urban rail transit industry, participated in the preparation of China's Smart City Rail Transit Information Technology Architecture and Network Security Specification, and Technical Specification for Urban Rail Transit edge computing Service issued by China Association Of Metros, and deeply participated in the construction of urban rail transit cloud platforms and network security, and top-level design and planning of information systems in Jinan, Tianjin, Hefei and other cities. He has a deep insight into the development and construction trend of China's urban rail transit industry information architecture.

城轨融合发展论坛暨总工沙龙 ——融合创新 聚力城轨可持续发展

Urban Rail Transit Integrated Development Forum & Chief Engineers Salon - Fusion and Innovation, Collaborating Sustainable Development of Urban Rail Transit Industry

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

胡云卿 / Hu Yunqing

中车株洲时代电气股份有限公司副总经理、总工程师

Deputy General Manager and Chief Engineer of Zhuzhou CRRC Times Electric Co., Ltd.



胡云卿，中车株洲时代电气股份有限公司副总经理、总工程师，工学博士，正高级工程师，中国中车首席技术专家，科技部专家库专家，中国自动化学会专家库专家，自动化领域世界顶级刊物《AUTOMATICA》审稿专家。获评“火车头奖章”、“茅以升铁道工程师”，入选“湖湘青年英才”支撑计划。主要从事交通列车动力学控制和智能感知与控制领域的基础理论与工程化研究。主持国家重点研发计划项目 2 项《智能电驱动重载车辆平台关键技术研究与应用》、《基于虚拟轨道的自动循迹及安全控制技术研究与应用》，主持湖南省重大专项《智能轨道快运系统 (ART) 装备研制及应用示范》1 项，主持和参与中国铁路总公司、中车集团等轨道交通行业重大科技创新项目 20 余项。出版学术专著 2 部，发表高水平论文 26 篇，授权发明专利 20 件。获中国发明专利金奖、湖南省技术发明一等奖、“中国创新方法大赛”湖南赛区一等奖、中车科学技术奖特等奖。

Hu Yunqing, deputy general manager and chief engineer of Zhuzhou CRRC Times Electric Co., Ltd., doctor of engineering, senior engineer, chief technical expert of CRRC, member of the expert tank of the Ministry of Science and Technology, member of the expert tank of China Association of Automation, review expert of AUTOMATICA, a world top publication in the field of automation. Won title of "Locomotive Medal" and "Mao Yisheng Railway Engineer", and is selected as a member of the "Huxiang Youth Talents" support plan. Mainly engaged in basic theory and engineering research in the field of traffic train dynamics control and intelligent perception and control. Presided over 2 national key research and development plan projects, i.e. Research and Demonstration Application of Key Technologies of Intelligent Electric Drive Heavy-haul Vehicle Platform, Research and Application of Automatic Tracking and Safety Control Technology Based on Virtual Track, and presided over a major special project in Hunan Province, i.e. Development and Application Demonstration of Autonomous Rail Rapid Transit (ART) Equipment, and presided over and participated in more than 20 major scientific and technological innovation projects of China Railway Corporation and CRRC in the rail transit industry. Published 2 academic monographs, 26 high-level papers, and obtained 20 invention patents. Won the China Patent Award, the first prize of Hunan Provincial Technology Invention Award, the first prize of Hunan Division of China Innovation Methods Competition, and the special prize of CRRC Science and Technology Award.

城轨融合发展论坛暨总工沙龙 ——融合创新 聚力城轨可持续发展

Urban Rail Transit Integrated Development Forum & Chief Engineers Salon - Fusion and Innovation, Collaborating Sustainable Development of Urban Rail Transit Industry

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨中低运能系统论坛 ——中低运能系统高质量可持续发展

*Forum on the Medium-to-low transport capacity system for urban rail transit
- High-quality Sustainable Development of Medium-to-low transport capacity system*

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 14:00-17:30

论坛地点: 南京国际博览会议中心 3 层 南京 302

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会低运能系统分会

中国城市轨道交通协会单轨分会

北京中城轨会展有限公司

支持单位: 中车长春轨道客车股份有限公司

苏交科集团股份有限公司

Time: June 14, 2024 14:00-17:30

Place: 302, Nanjing Hall, Nanjing International Expo Center

Host: China Association of Metros

Organizer: Low Capacity System Branch, China Association of Metros

Monorail Branch China Association of Metros

Beijing CAMET Exhibition Co., Ltd.

Supported by: CRRC Changchun Railway Vehicles Co., Ltd.

JSTI Group



论坛议程 / FORUM AGENDA

| | | | |
|-------------|-------------------------------|------|---|
| 主持人 | 仇俊 芜湖市运达轨道交通建设运营有限公司党委书记、董事长 | | |
| 一、领导致辞 | | | |
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 14:00-14:05 | 领导致辞 | 乐 梅 | 中国城市轨道交通协会轮值会长 重庆市轨道交通（集团）有限公司 党委书记、董事长 |
| 14:05-14:10 | 领导致辞 | 王雁平 | 中国城市轨道交通协会副秘书长 |
| 二、主题发言 | | | |
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 14:10-14:25 | 城市轨道交通低运能系统调研报告 | 李鸿春 | 中国城市轨道交通协会 低运能系统分会常务副会长 |
| 14:25-14:40 | 中运能公共交通体系性能科学评价与可持续发展抉择 | 杨 涛 | 南京市城市与交通规划设计研究院股份有限公司 董事长 |
| 14:40-14:55 | 中低运能轨道交通系统健康发展探讨 | 高胜庆 | 国家发改委城市中心综合交通所所长 |
| 14:55-15:10 | 系列化跨座式单轨交通创新与城市轨道交通中低运能系统融合发展 | 赵晓波 | 重庆市轨道交通设计研究院工程技术研究中心 （科研办）副主任 |
| 15:10-15:25 | 探析电子导向胶轮系统发展趋势及创新实践 | 李树培 | 四川川南轨道交通运营有限公司 党委书记、董事长、总经理 |
| 15:25-15:40 | 国内首条试运营悬挂式单轨系统商业应用——光谷空轨旅游线 | 张 蓉 | 光谷交通建设有限公司总经理 |
| 15:40-15:55 | 跨座式单轨在城市文旅融合中的探索和实践 | 漆 伟 | 重庆轨道集团运营二公司党委书记、总经理 |
| 15:55-16:10 | 中低运能系统 + 旅游融合发展探索与实践 | 刘继兵 | 苏交科集团股份有限公司 城市建设与轨道交通设计院总工程师 |
| 16:10-16:25 | 城轨中低运能系统车辆技术特征及应用探索 | 段洪亮 | 中车长春轨道客车股份有限公司 工程研究中心主任助理兼总体研发部部长 |

论坛议程 / FORUM AGENDA

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|-------------|---|
| 16:25-17:20 | 圆桌访谈 |
| 16:25-17:30 | <p>主持人：冯爱军 中国城市轨道交通协会低运能系统分会副会长</p> <p>嘉 宾：</p> <p>孙吉良 中国城市轨道交通协会低运能系统分会副会长</p> <p>马宏梁 中国城市轨道交通协会低运能系统分会副会长 广州地铁交通发展有限公司党委书记、总经理</p> <p>刘 晨 中国城市轨道交通协会低运能系统分会副会长 上海市城市建设设计研究总院（集团）有限公司轨道院院长</p> <p>刘 俊 中国城市轨道交通协会单轨分会副秘书长</p> <p>廖杭军 盐城市公共交通有限公司党委书记、董事长</p> <p>张 辉 北京城建智控科技股份有限公司党总支副书记、董事长</p> <p>吴 昊 上海富欣智能交通控制有限公司总经理</p> <p>陈楷青 比亚迪勘察设计研究院院长</p> |

城轨中低运能系统论坛

——中低运能系统高质量可持续发展

Forum on the Medium-to-low transport capacity system for urban rail transit

- High-quality Sustainable Development of Medium-to-low transport capacity system

论坛议程 / FORUM AGENDA

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|------|--|
| Host | Qiu Jun, Secretary and Chairman of the Party Committee of Wuhu Yunda Rail Transit Construction and Operation Co., Ltd. |
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1. LEADERS' SPEECHES

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|-------------------|--------------|---|
| 14:00-14:05 | Leaders' speeches | Le Mei | President on duty of China Association of Metros, Secretary of the Party Committee and Chairman of Chongqing Rail Transit (Group) Co., Ltd. |
| 14:05-14:10 | Leaders' speeches | Wang Yanping | Supervisor-General & Deputy Secretary-General of China Association of Metros |

2. KEYNOTE SPEECHES

| DATE | TOPIC | SPEAKERS | UNIT&POSITION |
|-------------|--|----------------|--|
| 14:10-14:25 | Research Report on Urban Rail Transit Low Capacity Systems | Li Hongchun | Executive Vice President of the Low Capacity System Branch, China Association of Metros |
| 14:25-14:40 | Scientific evaluation and sustainable development decision-making of medium-capacity public transportation systems | Yang Tao | Chairman of Nanjing Institute of City & Transport Planning Co., Ltd. |
| 14:40-14:55 | Discussion on the healthy development of medium and low capacity rail transit systems | Gao Shengqing | Director of the Urban Center Comprehensive Transportation Institute, National Development and Reform Commission |
| 14:55-15:10 | Innovation of series monorail transit and the integrated development of medium and low capacity systems in urban rail transit | Zhao Xiaobo | Deputy Director of Engineering and Technical Research Center (Research Office), Chongqing Rail Transit Design and Research Institute |
| 15:10-15:25 | Exploration and Analysis of the Development Trend and Innovation Practice of Electronic Guided Rubber Roller System | Li Shupe | Secretary of the Party Committee, Chairman, and General Manager of Sichuan Chuannan Rail Transit Operation Co., Ltd. |
| 15:25-15:40 | Commercial Application of the First Trial Operation of Suspended Monorail System in China- Optics Valley Sky Rail Tourism Line | Zhang Rong | General Manager of Optical Valley Traffic Company |
| 15:40-15:55 | Exploring and practicing the straddle monorail in urban cultural tourism integration | Qi Wei | Secretary of the Party Committee and General Manager of Chongqing Rail Transit (Group) Operation Company 2 |
| 15:55-16:10 | Exploring and practicing the integrated development of medium and low capacity systems with tourism | Liu Jibing | Chief Engineer of JSTI Group Urban Construction and Rail Transit Design Institute |
| 16:10-16:25 | Technical characteristics and application exploration of vehicles in urban rail transit medium and low capacity systems | Duan Hongliang | Assistant Director and Head of General R&D Department, Engineering Research Center, CRRC Changchun Railway Vehicles Co., Ltd. |

论坛议程 / FORUM AGENDA

| III. ROUNDTABLE DISCUSSION | |
|----------------------------|---|
| 16:25-17:30 | <p>Moderator: Feng Aijun, Low Capacity System Branch of China Association of Metros Vice Presidents</p> <p>Guests:</p> <p>Sun Jiliang, Low Capacity System Branch of China Association of Metros Vice Presidents</p> <p>Ma Hongliang, Low Capacity System Branch of China Association of Metros Vice Presidents</p> <p>Guangzhou Metro Transportation Development Co., Ltd. Secretary of the Party Committee, executive director and general manager</p> <p>Liu Chen, Low Capacity System Branch of China Association of Metros Vice Presidents</p> <p>Shanghai Urban Construction and Design Research Institute (Group) Co.Ltd. Director of Institute of Rail Transit and Underground Space</p> <p>Liu Jun, Monorail branch of China association of metros Deputy Secretary Genera</p> <p>Liao Hangjun, Yancheng Public Transport Co., Ltd. Secretary of the Party Committee and chairman</p> <p>Zhang Hui, Beijing Urban Construction Intelligent Control Co., Ltd. Secretary of the General Party Branch and chairman</p> <p>Wu Hao, General Manager of Shanghai Fuxin Intelligent Transportation Solutions Co., Ltd.</p> <p>Chen Kaiqing, Dean of BYD Survey, Design and Research Institute</p> |

城轨中低运能系统论坛

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- High-quality Sustainable Development of Medium-to-low transport capacity system

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

乐梅 / Le Mei

中国城市轨道交通协会轮值会长

重庆市轨道交通（集团）有限公司党委书记、董事长

President of China Urban Rail Transit Association

Chongqing Rail Transit (Group) Co., Ltd. Party Secretary, Chairman



乐梅，现任重庆市轨道交通（集团）有限公司党委书记、董事长，始终致力于城市轨道交通建设、运营与经营管理，是重庆轨道交通事业开拓者之一，领导重庆轨道交通从无到有、从线到网的巨大变迁，助力重庆轨道交通运营里程突破 500 公里，推动形成全世界规模最大的山地城市轨道交通运营网络。先后主持或参与省部级以上科研项目 22 项，荣获交通运输部交通运输重大科技创新成果 1 项，全国交通企业管理现代化创新成果一等奖 1 项，城市轨道交通科技进步奖特等奖 1 项、一等奖 1 项、二等奖 1 项，重庆市科技进步奖二等奖 1 项等。发表论文 19 篇，获授权国家专利 6 项，出版专著 3 部，完成国家标准 2 项、行业标准 1 项、职业标准 1 项、地方标准 4 项、指导白皮书 1 部。享受国务院政府特殊津贴，先后荣获“全国三八红旗手”、“全国五一巾帼标兵”、“中国地铁 50 年 50 名致敬人物”、“重庆市产业技术带头人”、“重庆英才·创新创业领军人才”、“重庆市劳动模范”等多项荣誉。

Le Mei, the present Party Secretary, Chairman of Chongqing Rail Transit (Group) Co., Ltd., has been engaged in the construction, operation, and business management of urban rail transit. As one of the trailblazers for Chongqing's rail transit industry, who has leading the latter's significant transformation from scratch to single lines, and today's comprehensive network system. Le has contributed to the development of Chongqing's rail transit system to achieve an operational mileage exceeding 500 kilometers, making it the world's largest urban rail transit network in mountainous areas. She has led or participated in 22 provincial and ministerial-level research projects and received multiple titles and awards, including 1 Major Technological Innovation of Transportation recognized by the Ministry of Transport, 1 First Prize for National Modernization Innovation of Transportation Enterprise Management; 1 Special Prize, 1 First Prize and 1 Second Prize for Progress in Urban Rail Transit Technology; and 1 Second Prize for Technology Progress of Chongqing. Additionally, she has authored 19 papers, been granted with 6 national patents, published 3 monographs, and contributed to various standards and guidelines including 2 national standards, 1 industrial standard, 1 occupational standard, and 4 local standards. One while paper was completed under her guidance. Le was rewarded the special government allowance from the State Council, and successively the honors as National Woman Pace-setter, National May 1st Model Female Worker, 50 Honorable Metro Persons for 50 Years of China, Industrial Technology Leaders of Chongqing, Chongqing Talents—Innovation & Entrepreneurship Leading Figures, Model Worker of Chongqing, etc.

城轨中低运能系统论坛

——中低运能系统高质量可持续发展

Forum on the Medium-to-low transport capacity system for urban rail transit

- High-quality Sustainable Development of Medium-to-low transport capacity system

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

王雁平 / Wang Yanping

中国城市轨道交通协会副秘书长

Deputy secretary-general of China Association of Metros



王雁平，历任：中国铁路机车车辆工业总公司规划发展部副经理，高级经济师；中国北车集团公司规划发展部部长；中国北车股份公司副总经济师，兼规划发展部长，教授级高工；中国北车股份公司总裁助理，兼城轨事业部总经理；中国中车股份公司总裁助理，兼城轨事业部总经理。

Previously served as: Industry General Co., Ltd. senior economist; Director of Planning and Development Department of China CNR Corporation Limited; Deputy chief economist, manager of Planning and Development Department of China CNR Corporation Limited, professor-level senior engineer; Assistant to the president and general manager of the Urban Rail Business Department of China CNR Corporation Limited; Assistant to the president and general manager of the Urban Rail Business Department of CRRC Corporation Limited.

仇俊 / Qiu Jun

芜湖市运达轨道交通建设运营有限公司党委书记、董事长

Wuhu Yunda Rail Transit Construction and Operation Co., Ltd Party Secretary and Chairman.



仇俊，现任芜湖市运达轨道交通建设运营有限公司党委书记、董事长，致力于城市轨道交通事业已有 16 年，尤其是在单轨交通相关的运营服务、全系统长生命周期的维保服务和创新体系搭建等工作。2021 年 3 月被中车集团评为科学技术二等奖，先后被国家知识产权局授予实用新型专利 2 项，2024 年获得城市轨道交通科技进步奖二等奖，芜湖职业技术学院校外专业技术带头人。

Mr. Qiu Jun, The current party secretary and chairman of Wuhu Yunda Rail Transit Construction and Operation Co., Ltd, has been committed to the cause of urban rail transit for 16 years, especially in the operation and service related to monorail transportation, the maintenance service of the whole system with a long life cycle, and the construction of innovation system. In March 2021, he was awarded the second prize of Science and Technology by CRRC Group, and was successively granted 2 utility model patents by the China National Intellectual Property Administration. In 2024, he won the second prize of Urban Rail Transit Science and Technology Progress Award, and was recognized as an off-campus professional technical leader of Wuhu Vocational and Technical College.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李鸿春 / Li Hongchun

中国城市轨道交通协会

专家学术委副主任、低运能系统分会常务副会长

China Association of Metros

Deputy director of the Expert Academic Committee

executive vice president of the Low Capacity System Branch of China Association of Metros



李鸿春，历任北京城市铁路股份公司副总经理，北京市轨道交通建设管理公司副总工兼设备部部长、总经理助理，中国城市轨道交通协会专家和学术委员会副主任、现代有轨电车分会副会长等职务。主持和参加北京地铁多项标准和制度的制定，及多条线路车辆和机电设备的建设工程；组织完成了国内十余城市地铁咨询项目；以主要完成人身份完成多项科研课题，其中获北京市科学技术进步二等奖 4 项及三等奖若干。主持中国城市轨道交通协会低运能系统分会科研、标准、统计等多项工作，作为主编主持编纂《中国有轨电车蓝皮书 2017》《中国有轨电车蓝皮书 2020》《有轨电车适用性研究》《低运量轨道交通系统工程建设程序指南》等多项科研课题。

He has successively served as the deputy general manager of Beijing Urban Railway Co., Ltd., the deputy chief engineer and director of the equipment department and assistant to the general manager of Beijing MTR Construction Administration Corporation, deputy director of the Expert Academic Committee of China Association of Metros, and the vice president of the Modern Tram Branch of China Association of Metros. He has presided over and participated in the formulation of a number of standards and systems of Beijing Metro, as well as the construction of vehicles and mechanical and electrical equipment on many lines; Organized and completed subway consulting projects in more than 10 cities in China; Completed a number of scientific research projects as the main researcher and has won 4 second prizes and several third prizes of Beijing Science and Technology Progress Award. He has presided over the scientific research, standards, statistics and other work of the Low Capacity System Branch of China Association of Metros, and presided over the compilation of China Tram Blue Book 2017, China Tram Blue Book 2020, Tram Applicability Research, Low Traffic Capacity Rail Transit System Engineering Construction Procedure Guide and many other scientific research topics.

城轨中低运能系统论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

杨涛 / Yang Tao

南京市城市与交通规划设计研究院股份有限公司董事长
Nanjing Institute of City & Transport Planning Co., Ltd. Chairman



杨涛, 教授、博士, 现任南京市城市与交通规划设计研究院股份有限公司董事长, 江苏省设计大师, 新世纪世纪“百千万人才工程”国家级人选; 国家“万人计划”领军人才, 国务院政府特殊津贴专家。中国城市公共交通协会副理事长, 第十届全国人民代表大会代表, 首规委、北京交委、上海交委等咨询专家委员会委员。长期从事城市与区域交通发展战略研究、城市综合交通规划、公交都市总体规划与设计、公共交通系统发展战略政策与规划研究, 轨道交通及公交线网规划与优化, 城市交通综合改善与拥堵治理研究等。荣获国家科技进步二等奖、中国科技成就奖 (Kettering 奖, 美国汽车工程最高奖), 部、省级以及南京市科技进步奖 30 多项, 国家和部省优秀规划设计奖 50 余项。出版著作 10 多部, 发表论文 200 余篇。

Professor, Ph.D., currently the chairman of Nanjing Institute of City & Transport Planning Co., Ltd., a Design Master in Jiangsu Province, and a national candidate for the "Millions of Talents Project" in the new century; Leading talent of the national "Ten Thousand Talents Program", and expert with special government allowance from the State Council. Vice chairman of China Urban Public Transport Association, representative of the Tenth National People's Congress, Member of Advisory Expert Committees such as the Beijing Municipal Commission of Planning and Natural Resources, Beijing Municipal Commission of Transport, and Shanghai Municipal Transportation Commission. Yang Tao has engaged in fields such as urban and regional transportation development strategy research, urban comprehensive transportation planning, master planning and design of public transportation city, public transportation system development strategic policy and planning research, rail transit and public transportation network planning and optimization, urban transportation comprehensive improvement and congestion control research. He has won the second prize of the National Science and Technology Progress Award, the China Science and Technology Achievement Award (Kettering Award, the highest award in automotive engineering in the United States), more than 30 ministerial, provincial level and Nanjing science and technology progress awards, and more than 50 national and ministerial excellent planning and design awards. He also published more than 10 books and more than 200 papers.

城轨中低运能系统论坛 ——中低运能系统高质量可持续发展

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

高胜庆 / Gao Shengqing

中国城市和小城镇改革发展中心所长

China Center for Urban Development Director



高胜庆, 国家发展改革委城市和小城镇改革发展中心国土交通规划部综合交通所所长, 硕士, 高级工程师。在综合交通体系规划、交通产业空间协同、中低运量轨道规划、枢纽经济规划等方向积累了丰富的专业经验, 负责完成国家发展改革委、国铁集团等委托课题近 10 项, 参与起草多个高速公路、铁路等领域相关政策文件。获中国公路学会科学技术奖二等奖 1 次、全国优秀工程咨询成果二等奖 2 次, 北京市优秀规划设计奖 3 次。

Gao Shengqing, senior engineer, master, director of the Comprehensive Transportation Institute, State Land Transportation Planning Division, China Center for Urban Development, National Development and Reform Commission. He has accumulated rich professional experience in comprehensive transportation system planning, transportation industry spatial coordination, medium and low capacity rail planning, hub economic planning, etc. He has completed nearly 10 projects entrusted by the National Development and Reform Commission, China National Railway Group, etc., and participated in the drafting of multiple relevant policy documents in the fields of expressways and railways. He has won 1 second prize of the Science and Technology Award of the China Highway Society, 2 second prize of the National Excellent Engineering Consulting Achievement, and 3 Beijing Excellent Planning and Design Awards.

城轨中低运能系统论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

赵晓波 / Zhao Xiaobo

重庆市轨道交通设计研究院有限责任公司工程技术研究中心副主任

Chongqing Rail Transit Design and Research Institute Co., Ltd
Deputy Director of Engineering Technology Research Center



赵晓波，博士生导师，正高级工程师。重庆英才·创新领军人才，重庆市国资委系统优秀共产党员，“西部之光”访问学者。从事城市轨道交通设计研究工作 14 年。主持市级科研项目 10 余项，涉及专业有桥梁、轨道、疏散平台、声屏障、地下结构等多个专业，攻克了跨座式单轨 PC 轨道梁桥核心技术。发表学术论文 10 余篇，参编国家及行业规范 6 部，主导编写专著 1 部，获得国家专利 30 余项。担任多条重庆轨道交通工程建设项目的设计副总体、专业负责人。

Doctoral supervisor, senior engineer. Chongqing Elite and Innovation Leading Talent, Outstanding Communist Party Member of Chongqing State-owned Assets Supervision and Administration Commission, and Visiting Scholar of "Light of the West". He has been engaged in urban rail transit design and research for 14 years. He has presided over more than 10 municipal-level scientific research projects, involving bridges, tracks, evacuation platforms, sound barriers, underground structures and other specialties, and has overcome the core technology of straddle monorail PC rail girder bridge. He has published more than 10 academic papers, participated in the compilation of 6 national and industry standards, led the compilation of 1 monograph, and obtained more than 30 national patents. He served as the deputy general manager and professional leader of the design of a number of Chongqing rail transit engineering construction projects.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李树培 / Li Shupe

四川川南轨道交通运营有限公司 / 宜宾智轨交通有限公司

党总支部书记、董事长、总经理

*Sichuan Chuannan Rail Transit Operation Co., Ltd., Yibin Smart Rail Transit Co., Ltd.
Secretary of the General Party Branch, chairman, general manager*



李树培，中共党员，长期在农村、社区、园区、区县、政府机关、企业工作，具有丰富的经济理论，跨领域管理实践和系统化创新意识，主导宜宾智轨线网规划、线路设计、建设、运营，推动智轨运营创新，完美诠释智轨制式优越品质，示范电子导向胶轮系统在国内外市场化发展。推动宜宾智轨 T1 线成为中国城市轨道交通协会碳中和示范工程，建成零碳运营线路。

Li Shupe, a member of the Communist Party of China, has worked in rural areas, communities, parks, districts and counties, government agencies, and enterprises for a long time. With rich economic theories knowledge, cross-field management experiences, and systematic innovation awareness, he leads the planning, line design, and construction and operation of smart rail network in Yibin, promoting the innovation of smart rail operation, and effectively showing the superior quality of standard smart rail. He also demonstrates the market-oriented development of electronic guide rubber roller systems at home and abroad. He has helped making Yibin Smart Rail Line T1 a carbon-neutral demonstration project of China Association of Metros, and built it a zero-carbon operating line.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张蓉 / Zhang Rong

武汉光谷交通建设有限公司总经理

Optics Valley Traffic Company General Manager



张蓉, 工程硕士, 中共党员, 曾任武汉东湖新技术开发区建设管理和交通局副局长, 现任武汉光谷交通建设有限公司党委副书记、副董事长、总经理。

has bachelor's degree, master of engineering, member of the Communist Party of China; the former deputy director of the Construction Management and Transportation Bureau of Wuhan East Lake New Technology Development Zone, and currently the deputy secretary, vice chairman, and general manager of the party committee of Optics Valley Traffic Company.

漆伟 / Qi Wei

重庆市轨道交通（集团）有限公司运营二公司党委书记、总经理

Chongqing Rail Transit (Group) Co.,Ltd General Manager of Operation Company II



漆伟, 正高级工程师, 从事城市轨道交通运营工作 20 年。参与市级科研项目 4 项, 国家级科研项目 1 项, 涉及轨道车辆、车载设备、轨道、智能运维等多个专业。发表学术论文 6 篇, 参编行业规范 1 部, 获得国家专利 1 项。目前负责重庆轨道交通 2 号线、9 号线和 10 号线的运营生产工作总体管理。

QiWei is a senior engineer and has been engaged in urban rail transport operation for 20 years. He has participated in 4 municipal scientific research projects and 1 national scientific research project, which involves many specialties such as rail vehicles, on-board equipment, rail and intelligent operation and maintenance. He has published 6 academic papers, participated in 1 industry specification, and obtained 1 national patent. At present, he is responsible for the overall management of the operation and production of Chongqing Rail Transit Line 2, Line 9 and Line 10.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘继兵 / Liu Jibing

苏交科集团股份有限公司城市建设与轨道院总工程师

JSTI Group General Engineer of Urban Construction & Railway Design Division



刘继兵，研究员级高工，国家一级注册结构工程师，现任苏交科集团股份有限公司首席工程师（城市轨道交通）。长期从事轨道交通工程设计咨询工作，曾担任 6 条线路的设计总体。受聘为江苏省综合交通运输学会、江苏省勘察设计行业协会、江苏省土木建筑学会专家委员或智库专家，及河海大学硕士研究生培训基地指导教师。获得全国和省部级优秀设计奖 11 项，出版技术著作 3 本、发表论文 6 篇、制定省级地方标准 5 项。

Researcher-level senior engineer, national first-class registered structural engineer, currently the chief engineer of urban rail transit of JSTI Group. Liu Jibing has been engaged in rail transit engineering design consulting work for many years, and has served as the overall design manager of 6 metro lines. Expert member and think tank expert of Jiangsu Provincial Comprehensive Transportation Society, Jiangsu Survey and Design Industry Association, Jiangsu Civil Engineering and Architectural Society, and an instructor of Hohai University Postgraduate Training Base. Liu Jibing has Won 11 national, provincial and ministerial level excellent design awards, published 3 technical works and 6 papers, and participated in the formulation of 5 provincial and local standards.

段洪亮 / Duan Hongliang

中车长春轨道客车股份有限公司工程研究中心主任助理兼总体研发部部长

Changchun Railway Vehicles Co., Ltd.

Assistant director of Engineering Research Center and director of Overall R&D Department



段洪亮，正高级工程师，现任中车长客股份公司国家轨道客车工程研究中心主任助理、总体研发部部长，长期从事城轨车辆总体规划、新产品开发等工作，主持国内首列市域 C 型、D 型列车研制，中车标准地铁列车研制以及 40 余个国内外城轨列车开发等工作。在中低运量领域，以“系统+”、“产品+”角度，积极推进相关产品及技术落地，具有大量的实践经验。

Duan Hongliang: Senior engineer, currently the assistant director of the National Rail Vehicle Engineering Research Center of CRRC Changchun Railway Vehicles Co., Ltd., and the director of the Overall Research and Development Department. He has been engaged in the overall planning of urban rail vehicles and the development of new products for a long time, and presided over the development of the first domestic urban C-type and D-type trains, the research, development and manufacture of CRRC standard metro trains, and the development of more than 40 domestic and foreign urban rail trains. In the field of medium and low capacity, he actively promotes the implementation of related products and technologies from the perspective of "system" and "product", and has rich practical experience.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

冯爱军 / Feng Aijun

中国城市轨道交通协会低运能系统分会副会长

北京城建设计发展集团股份有限公司原技术总监

Beijing Urban Construction Design Vice president

Development Group Co., Limited former technical director of Low Capacity System Branch



冯爱军，教授级高级工程师，国家注册咨询（投资）工程师，国家注册一级建造师，IPMP 国际高级项目经理，北京市新世纪百千万人才。现任北京城建设计发展集团副总工程师，社会兼职担任中国土木工程学会轨道交通分会秘书长、中国城市轨道交通协会有轨电车分会副会长、中国城市轨道交通协会专家学术委员会副秘书长、北京交通大学城市轨道交通研究中心副主任。

致力于城市轨道交通技术发展战略和新型城市轨道交通系统的研究以及城市轨道交通创新技术推广。编著有《城市轨道交通技术创新与可持续发展》、《城市轨道交通新技术文集》、《土木工程学科发展报告》、《城市轨道交通年度报告》、《市域快轨发展研究及技术分析》、《中国地铁 60 年》、《有轨电车行业蓝皮书》等著作。国家标准《城市轨道交通项目建设标准》、《城市轨道交通设计深度及文件组成》、《城市轨道交通项目管理规范》的主要起草人。团体标准《市域快轨设计规范》、《有轨电车工程技术标准》的主编。北京市地方标准《有轨电车工程设计规范》主编。

FJane Feng, Secretary General, Rail Transit Branch of China Civil Engineering Society

Ms. Feng Aijun has in-depth research on the development of urban rail transit technology and the new urban rail transit system. She is a PPP expert of the National Development and Reform Commission, a scientific and technological project evaluation expert of the Ministry of Housing and Urban-Rural Development, a member of the Academic Committee of the China Urban Rail Transit Association, and a vice president of the China Urban Rail Transit Association Tram Branch. National registration consulting (investment) engineer, national registered first-class construction engineer, IPMP international senior project manager.

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- High-quality Sustainable Development of Medium-to-low transport capacity system

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

孙吉良 / Sun Jiliang

中国城市轨道交通协会低运能分会副会长

Low Capacity System Branch of China Association of Metros Vice Presidents



孙吉良，教授级高工，现任中国城市轨道交通协会低运能分会副会长。2009年，项目“城市轨道交通列车自动防护系统（ATP）在吉林省的开发与应用”获吉林省科学技术进步奖二等奖，个人排名第二。2013年，项目“FZL200型基于交叉感应环线的MATC系统”获中国智能交通协会科学技术奖三等奖，个人排名第二。2020年，项目“中低速磁浮交通关键技术及应用”获北京市科学技术奖科学技术进步奖一等奖，个人排名第三名。

Sun Jiliang, professorate senior engineer, is currently the vice president of the Low Capacity System Branch of China Association of Metros. In 2009, the project "Development and Application of Urban Rail Transit Train Automatic Protection System (ATP) in Jilin Province" won the second prize of Jilin Provincial Science and Technology Progress Award, and Sun ranked second as an individual. In 2013, the project "FZL200 MATC System Based on Cross Induction Loop" won the third prize of China Intelligent Transportation Association Science and Technology Award, and Sun ranked second as an individual. In 2020, the project "Key Technologies and Applications of Medium and Low Speed Maglev Transportation" won the first prize of the Science and Technology Progress Award of Beijing Science and Technology Award, and Sun ranked third as an individual.

城轨中低运能系统论坛

——中低运能系统高质量可持续发展

*Forum on the Medium-to-low transport capacity system for urban rail transit
- High-quality Sustainable Development of Medium-to-low transport capacity system*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

马宏梁 / Ma Hongliang

中国城市轨道交通协会低运能系统分会副会长

广州地铁交通发展有限公司党委书记、执行董事、总经理

Low Capacity System Branch of China Association of Metros Vice Presidents

Guangzhou Metro Transportation Development Co., Ltd.

Secretary of the Party Committee, executive director and general manager



马宏梁，高级政工师，现任广州地铁交通发展有限公司党委书记、执行董事、总经理，中国城市轨道交通协会低运能系统分会副会长，运营管理专业委员会委员代表，从事轨道交通运营管理和经营管理 20 余年，承担了广州、昆明、丽江、三亚等多个中低运量运营项目的总体管理，作为项目总负责人的海珠试验段项目获得建国 70 周年广东省城市公共交通优秀创新成果奖；承担的广东省新型有轨电车工程竣工验收技术资料用表标准化研究，获广东省市政行业协会科学技术奖一等奖；承担的储能式城市轨道交通关键技术及应用项目，获中国交通运输协会科技进步奖一等奖；被评为广东省交通运输行业最具社会责任感企业家，广州市产业发展和创新专业人才。

Senior political engineer, currently the Secretary of the Party Committee, executive director and general manager of Guangzhou Metro Transportation Development Co., Ltd., the vice president of the Low Capacity System Branch of China Association of Metros, and a member representative of the Operation Management Professional Committee. Ma has been engaged in rail transit operation management for more than 20 years. He has undertaken: the overall management of a number of medium and low capacity operation projects in Guangzhou, Kunming, Lijiang, Sanya, etc. The general manager of the Haizhu Test Section Project, which has won the Guangdong Provincial Urban Public Transportation Excellent Innovation Achievement Award on the 70th anniversary of the founding of the People's Republic of China; the standardization research on the technical data table for the completion acceptance of the Guangdong Province New Tram Project, which has won the first prize of the Science and Technology Award of the Guangdong Municipal Industry Association; The key technology and application project of energy storage urban rail transit, which has won the first prize of the Science and Technology Progress Award of China Communications and Transportation Association; Ma was rated as Entrepreneur With Strong Sense of Socially Responsibility in the Transportation Industry of Guangdong Province, and a Professional in Industrial Development and Innovation in Guangzhou.

城轨中低运能系统论坛

——中低运能系统高质量可持续发展

Forum on the Medium-to-low transport capacity system for urban rail transit

- High-quality Sustainable Development of Medium-to-low transport capacity system

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘晨 / Liu Chen

中国城市轨道交通协会低运能系统分会副会长

上海市城市建设设计研究总院（集团）有限公司轨道交通与地下空间院 院长

*Low Capacity System Branch of China Association of Metros Vice Presidents
Shanghai Urban Construction and Design Research Institute (Group) Co.Ltd.*

Director of Institute of Rail Transit and Underground Space



刘晨，教授级高工，现任上海市城市建设设计研究总院（集团）有限公司轨道院院长，中国城市轨道交通协会低运能系统分会副会长，从事轨道交通设计咨询 20 余年，承担了北京、天津、上海等多个轨道交通设计总体负责人工作；承担了苏州、淮安、嘉兴等多个城市有轨电车项目的总体管理，主编《有轨电车路基工程》等著作，多次荣获上海市科技进步二等奖、华夏科技进步二等奖、上海土木科技进步一等奖、城市轨道交通创新项目奖，优秀勘察设计奖等多个奖项、荣获上海市重大工程立功竞赛建设功臣称号。

Liu Chen, professorate senior engineer, is currently the director of the Rail Institute of Shanghai Urban Construction Design and Research Institute (Group) Co., Ltd., and the vice president of the Low Capacity System Branch of China Association of Metros. He has been engaged in rail transit design consulting for more than 20 years and worked as the person in charge of the overall rail transit design in Beijing, Tianjin, Shanghai, etc.; He has undertaken the overall management of tram projects in Suzhou, Huai'an, Jiaxing and other cities, edited Tram Subgrade Engineering and other works. For many times, he and won the second prize of Shanghai Science and Technology Progress Award, the second prize of Huaxia Science and Technology Progress Award, the first prize of Shanghai Civil Science and Technology Progress Award, the Urban Rail Transit Innovation Project Award, the Excellent Survey and Design Award and many other awards, and won the title of Construction Hero in the Shanghai Major Project Meritorious Competition.

城轨中低运能系统论坛 ——中低运能系统高质量可持续发展

*Forum on the Medium-to-low transport capacity system for urban rail transit
- High-quality Sustainable Development of Medium-to-low transport capacity system*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘俊 / Liu Jun

中国城市轨道交通协会单轨分会副秘书长
Monorail branch of China association of metros
Deputy Secretary General



刘俊，现任中国城市轨道交通协会副秘书长，长期致力于中小运量轨道交通事业 20 余年，尤其在单轨交通相关的技术研发、工程应用和创新体系搭建等工作。作为执行主编，编制了《中国单轨交通发展研究报告》专著，该书是国内首次对中国单轨交通领域进行全面系统的总结和提炼。作为编制组核心成员，参与了住建部行业标准《悬挂式单轨交通技术标准》、住建部团体标准《旅游单轨交通设计导则》、中国城市轨道交通协会团体标准《导轨式胶轮系统技术规范》等标准编制工作，填补了相关技术标准在国内的空白。以主要完成人身份完成多项科研课题，其中获省部级科技奖项 10 余项，授权发明专利 4 项。

Mr. Liu Jun, as Deputy Secretary General of Monorail branch of China association of metros, have been committed to the small and medium-sized rail transit industry for more than 20 years, especially in the technical research and development, engineering application, and innovation system construction related to monorail transit. As chief executive editor, he had compiled the monograph "Research Report on the Development of Monorail Transit in China", which is the first comprehensive and systematic summary of monorail transit in China. As a core member of the compiling team, he participated in compiling of industry standards for "Technical Standards for Suspended Monorail Transit" and group standards for "Design guideline for tourism monorail transit" of Ministry of Housing and Urban-Rural Development of the People's Republic of China, and group standards for "Technical specifications for beam-guiding rubber-tired tram system" of China Association of Metros, filled the gap in relevant technical standards in China. As the main executor, he has completed multiple scientific research projects, received more than 10 provincial and ministerial level science and technology awards and 4 authorized invention patents.

城轨中低运能系统论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

廖杭军 / Liao Hangjun

盐城市公共交通有限公司党委书记、董事长

Yancheng Public Transport Co., Ltd. Secretary of the Party Committee and chairman



廖杭军 现任盐城市交通投资建设控股集团有限公司党委委员，盐城市公共交通有限公司党委书记、董事长。其先后在市委机关、交通运输管理部门和市属国有企业从事组织人事、安全管理、科技信息、纪检监察等工作。自 2019 年 12 月履新盐城公交后，他牵头主持和实施了企业改制改革、公交线网重塑、公交资产资源整合、SRT 新基建运营等一系列影响力大、创新力强的重大任务。盐城市 BRT/SRT 中运量公交建设工程项目获评第二十届中国土木工程詹天佑奖，实现盐城“詹天佑奖”零的突破。其本人也被盐城市委市政府授予个人记功一次，被省公安厅记个人三等功一次，2023 年获评江苏省交通运输系统诚信个人。

Currently a member of the Party Committee of Yancheng Transportation Investment and Construction Holding Group Co., Ltd., the secretary of the Party Committee and chairman of Yancheng Public Transport Co., Ltd. Liao Hangjun has successively engaged in organizational personnel, safety management, scientific and technological information, discipline inspection and supervision in municipal party committee agency, transportation management department, and municipal state-owned enterprise. Since taking office in Yancheng Public Transport Co., Ltd. in December 2019, he has taken the lead in presiding over and implementing a series of influential and innovative major tasks such as enterprise restructuring reform, bus network reshaping, bus asset resources integration, and SRT new infrastructure operation. Yancheng BRT/SRT Medium Transport Capacity Bus Construction Project won the 20th Tien-yow Jeme Civil Engineering Prize, the first winner of the award in Yancheng. Liao Hangjun was also awarded a personal merit by the Yancheng Municipal Party Committee and Municipal Government, and a third-class personal merit by the Jiangsu Provincial Public Security Department. In 2023, he was awarded the Honesty Individual of the Transportation System of Jiangsu Province.

城轨中低运能系统论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张辉 / Zhang Hui

北京城建智控科技股份有限公司 党总支部书记、董事长
*Beijing Urban Construction Intelligent Control Co., Ltd.
Secretary of the General Party Branch and chairman*



张辉，中共党员，教授级高级工程师。清华大学经管学院毕业，工商管理硕士学位，清华大学创新领军工程博士生。现任北京城建智控科技股份有限公司党总支部书记、董事长，兼任中国城市轨道交通协会技术装备专业委员会副主任，中国应急管理学会轨道应急工委副主任。多次获得中国城市轨道交通协会城市轨道交通科技进步奖、中国设备管理创新成果、中国科技产业化促进会科技产业化、全国设备管理与技术创新成果、北京市轨道交通学会科学技术进步奖等多个奖项。

Zhang Hui, member of the Communist Party of China, professorate senior engineer Graduated from the School of Economics and Management of Tsinghua University, with a master's degree in business administration, and is a doctoral student in innovation leading engineering. Currently the secretary and chairman of the general party branch of Beijing Urban Construction Intelligent Control Co., Ltd., the deputy director of the Technical Equipment Professional Committee of China Association of Metros, and the deputy director of the Rail Emergency Working Committee of the China Society of Emergency Management. Won the Urban Rail Transit Science and Technology Progress Award of China Association of Metros, China Equipment Management Innovation Achievement, Science and Technology Industrialization Award of China Society of the Promotion of Science and Technology Industrialization Association, National Equipment Management and Technology Innovation Achievement, Beijing Society of Metros Science and Technology Progress Award and many other awards.

城轨中低运能系统论坛

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

吴昊 / Wu Hao

上海富欣智能交通控制有限公司总经理

General Manager of Shanghai Fuxin Intelligent Transportation Solutions Co., Ltd.



吴昊, 硕士研究生, 正高级工程师, 现任上海富欣智能交通控制有限公司总经理, 中国城市轨道交通协会专家和学术委员会委员, 上海中运量轨道交通系统工程技术中心主任。自 2005 年起负责城市轨道交通信号系统、智能交通系统的研究及应用, 带领团队承担了列车自主运行系统 (TACS) 国家示范工程青岛地铁 6 号线、太原地铁 2 号线、大连地铁 5 号线、武汉光谷悬挂式单轨、上海浦东国际机场捷运线等项目, 相关项目成果和创新技术获得行业高度认可。曾荣获 2019 年度上海市浦东新区科学技术三等奖、2020 年度中国城市轨道交通科技进步一等奖、2021 年度中国城市轨道交通科技进步一等奖、2021 年度“上海产业菁英”高层次人才、产业领军人才, 并入选“2023 年东方英才计划拔尖项目”。

Wu Hao, male, Han Chinese, born in October 1977, holds a master's degree and senior engineer title. He is currently the General Manager of Shanghai Fuxin Intelligent Transportation Solutions Co., Ltd., an expert and committee member of the Academic Committee of the China Association of Metros, and the director of Engineering Technology Center for Shanghai Medium Capacity Rail Transit System.

Wu Hao has been responsible for research and application of urban rail transit signal systems and intelligent traffic systems since 2005. He has led his team to undertake projects such as the Train Autonomous Circumambulation System (TACS) national demonstration project in Qingdao Metro Line 6, Taiyuan Metro Line 2, Dalian Metro Line 5, Wuhan Optics Valley Suspended Monorail, Shanghai Pudong International Airport Transit Line, etc. The project results and innovative technologies have been highly recognized in the industry. He has been awarded 2019 the third prize of Shanghai Pudong New Area Science and Technology, 2020 the first prize of "Urban Rail Transit Science and Technology Progress Award" and 2021 the first prize of "Urban Rail Transit Science and Technology Progress Award" by China Urban Rail Transit Association and 2021 The third prize of Asia-Pacific Economic Cooperation Public Transportation Science and Technology Innovation Competition and was selected for the "Top Talent Project of the Eastern Talents Plan" in 2023.

城轨中低运能系统论坛

——中低运能系统高质量可持续发展

Forum on the Medium-to-low transport capacity system for urban rail transit

- High-quality Sustainable Development of Medium-to-low transport capacity system

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城轨工程建设论坛

——城轨建设新质生产力，绿色装配 智慧建造

*Urban Rail Transit Engineering Construction Forum
- New Quality Productive Forces in Urban Rail Transit Construction, Green
Assembling, Smart Construction*

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 14:00-18:00

论坛地点: 南京国际博览会议中心 3 层 南京 303

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会工程建设专业委员会

北京中城轨会展有限公司

北京中城轨文化传播有限公司

协办单位: 长春市轨道交通集团有限公司

中建三局集团有限公司

支持单位: 深圳市地铁建设集团有限公司

青岛地铁集团有限公司

无锡地铁集团有限公司

南京地铁建设有限责任公司

北京城建设计发展集团股份有限公司

中国建筑股份有限公司

中国铁建股份有限公司

中国中铁股份有限公司

中庆投资控股集团

Time: June 14, 2024 14:00-18:00

Place: 303, 3Rd floor, Nanjing International Expo Center

Host: China Association of Metros

Co-sponsored by: Engineering Construction Committee of CAMET

Beijing CAMET Exhibition Co., Ltd.

Beijing CAMET Culture Communication Co., Ltd.

Co-organizer: Changchun Railway Traffic Group Co., Ltd.

China Construction Third Engineering Bureau Group Co., Ltd.

Supported by: Shenzhen Metro Construction Group Co., Ltd.

Qingdao Metro Group Co., Ltd.

Wuxi Metro Group Co., Ltd.

Nanjing Metro Construction Co., Ltd.

Beijing Urban Construction Design & Development Group Co., Ltd.

China State Construction Engineering Corporation

China Railway Construction Corporation Limited

China Railway Group Limited

Zhongqing Investment Holding Group

论坛议程 / FORUM AGENDA

| 一、领导致辞 | | | |
|-------------|---------------------------------|------|------------------------------|
| 主持人 | 赵一新 中国城市轨道交通协会工建专委会副主任兼秘书长 | | |
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 14:00-14:15 | 协会领导致辞 | 杨广武 | 中国城市轨道交通协会 专家和学术委员会副主任 |
| | 长春地铁领导致辞 | 江 涛 | 长春市轨道交通集团有限公司 党委副书记、总经理 |
| | 中建三局集团领导致辞 | 张金军 | 中建三局基础设施建设投资有限公司 党委书记、董事长 |
| 二、主题发言 | | | |
| 主持人 | 陈志宁 中国城市轨道交通协会工建专委会副主任 | | |
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 14:15-14:45 | 长春地铁装配式车站研究与应用 | 李振富 | 长春市轨道交通集团 建设事业总部副部长 |
| 14:45-15:15 | “绿色”引领未来 ——青岛地铁关于土建技术创新的几点思考 | 芦睿泉 | 青岛地铁集团有限公司副总经理 |
| 15:15-15:45 | 无锡地铁装配叠和整体式地下车站设计创新与示范应用 | 潘 清 | 无锡地铁集团有限公司 总工程师、置业公司董事长 |
| 15:45-16:15 | 深圳富水地层内支撑体系下装配式地铁车站探索与实践 | 潘晓明 | 深圳地铁建设集团有限公司总工程师 |

论坛议程 / FORUM AGENDA

| 三、专题发言 | | | |
|-------------------------|-----------------------------------|------|-------------------------|
| 主持人 | 黄伏莲 中国城市轨道交通协会工建专委会副秘书长 | | |
| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
| 16:15-16:35 | 南京地铁绿色建造探索与实践 | 黎 庆 | 南京地铁建设有限责任公司副总经理 |
| 16:35-16:55 | 地铁车站预制装配化建造技术研究与应用 | 林 放 | 北京城建设计发展集团股份有限公司高级研发工程师 |
| 16:55-17:15 | 富水土砂地层盾构施工微扰动控制技术 | 朱海军 | 中建三局基础设施建设投资有限公司总工程师 |
| 17:15-17:35 | 盾构区间锚索处理经验及刀盘——锚索相互作用的四种机理反演实验与分析 | 李继超 | 中国建设基础设施有限公司南方公司总工程师 |
| 17:35-17:55 | 装配式地铁车站施工及质量控制要点 | 郭源明 | 中庆建设有限责任公司地铁事业部总工程师 |
| 四、会议总结 | | | |
| 黄伏莲 中国城市轨道交通协会工建专委会副秘书长 | | | |

城轨工程建设论坛
——城轨建设新质生产力，绿色装配 智慧建造

Urban Rail Transit Engineering Construction Forum
- New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction

论坛议程 / FORUM AGENDA

| | |
|-----------|--|
| Moderator | Zhao Yixin, deputy director and secretary-general of the Engineering Construction Committee of China Association of Metros |
|-----------|--|

1. LEADERS' SPEECHES

| DATE | TOPIC | SPEAKERS | UNIT & POSITION |
|-------------|---|--------------|--|
| 14:00-14:20 | Speech by association leader | Yang Guangwu | Deputy Director of CAMET Experts & Academic Committees |
| | Speech by leader of Changchun Rail Traffic Group Co., Ltd. | Jiang Tao | Deputy secretary of the Party Committee and general manager of Changchun Railway Traffic Group Co., Ltd. |
| | Speech by leader of China Construction Third Engineering Bureau Group Co., Ltd. | Zhang Jinjun | Secretary of the Party Committee and chairman of CCTEB Infrastructure Construction Investment Co., Ltd. |

2. KEYNOTE SPEECHES

| | |
|-----------|--|
| Moderator | Chen Zhining, deputy director of the Engineering Construction Committee of China Association of Metros |
|-----------|--|

| DATE | TOPIC | SPEAKERS | UNIT & POSITION |
|-------------|--|--------------|---|
| 14:15-14:45 | Research and Application of Prefabricated Metro Stations of Changchun | Li Zhenfu | Deputy manager of Construction Business Department of Changchun Railway Traffic Group Co., Ltd. |
| 14:45-15:15 | "Green" Leads the Future-Some Thoughts on the Innovation of Civil Engineering Technology of Qingdao Metro | Lu Ruiquan | Vice general manager of Qingdao Metro Group Co., Ltd. |
| 15:15-15:45 | Design Innovation and Demonstration Application of Assembled Stacked and Integral Underground Stations of Wuxi Metro | Pan Qing | Chief engineer and chairman of Wuxi Metro Group Co., Ltd. and the property subsidiary of Wuxi Metro Group Co., Ltd. |
| 15:45-16:15 | Exploration and Practice of Prefabricated Metro Station under Inner Support System in Water-rich Stratum of Shenzhen | Pan Xiaoming | Chief engineer of Shenzhen Metro Construction Group Co., Ltd. |

城轨工程建设论坛

——城轨建设新质生产力，绿色装配 智慧建造

Urban Rail Transit Engineering Construction Forum
- New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction

论坛议程 / FORUM AGENDA

| 3. SPECIAL SPEECHES | | | |
|---|--|--------------|--|
| Host | Moderator: Huang Fulian, deputy secretary-general of the Engineering Construction Committee of China Association of Metros | | |
| TIME | TOPIC | SPEAKERS | UNIT & POSITION |
| 16:15-16:35 | Exploration and Practice of the Green Construction of Nanjing Metro | Li Qing | Deputy general manager of Nanjing Metro Construction Co., Ltd. |
| 16:35-16:55 | Research and Application of Prefabricated Construction Technology of Metro Station | Lin Fang | Senior R&D engineer of Beijing Urban Construction Design & Development Group Co., Ltd. |
| 16:55-17:15 | Micro-disturbance Control Technology of Shield Tunneling in Water-rich Soil and Sand Stratum | Zhu Haijun | Chief engineer of CCTEB Infrastructure Construction Investment Co., Ltd. |
| 17:15-17:35 | Experience of Anchor Cable Treatment in Shield Tunneling and Inversion Experiment and Analysis of Four Interaction Mechanisms of Cutterhead-Anchor Cable | Li Jichao | Chief engineer of Southern Company of China Construction Infrastructure Corp., Ltd. |
| 17:35-17:55 | Construction and Quality Control of Prefabricated Metro Station | Guo Yuanming | Chief engineer of Metro Business Department of Zhongqing Construction Co., Ltd. |
| 4. SPECIAL SPEECHES | | | |
| Huang Fulian, deputy secretary-general of the Engineering Construction Committee of China Association of Metros | | | |

城轨工程建设论坛
——城轨建设新质生产力，绿色装配 智慧建造

Urban Rail Transit Engineering Construction Forum
- New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

赵一新 / Zhao Yixin

工程建设专业委员会副主任兼秘书长

中国城市规划设计院交通院院长

Deputy Director and Secretary General of Engineering Construction Committee

President of the Urban Transport Research Branch of the China Academy of Urban Planning and Design



赵一新，教授级高级工程师，现任中国城市规划设计研究院城市交通研究分院院长，中国城市轨道交通协会工程建设专委会副主任兼秘书长、中国城市规划学会城市交通规划学委会秘书长、住建部科技委市政交通专业委员会专家，国家标准《城市轨道交通工程项目规范》和《城市轨道交通客运服务规范》的负责人，《中国城市轨道交通工程建设发展报告》的主编，科技部重点研发计划课题负责人，多次获得国家优秀设计金奖和银奖、中国智能交通协会科学技术奖和全国优秀规划设计奖。

Zhao Yixin, professorate senior engineer, currently serves as the Director of Urban Transportation Branch, China Academy of Urban Planning & Design, Deputy Director and Secretary-General of Engineering Construction Committee, China Association of Metros, Secretary-General of Transportation Planning Committee, Urban Planning Society of China, and expert of Municipal Transportation Committee, Science & Technology Committee, MoHURD; the person in charge of the national standards Project Code for Engineering of Urban Rail Transit and Service Specification for Urban Rail Passenger Transport; editor in chief of Report on Development of Urban Rail Transit Engineering Construction in China; the project leader of key R&D program of Ministry of Science and Technology of the People's Republic of China. He has won multiple National Excellent Design Gold and Silver Awards, Science and Technology Award of China Intelligent Transportation Systems Association, and National Excellent Planning and Design Award.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

陈志宁 / Chen Zhining

中国城市轨道交通协会工建专委会副主任

南京地铁集团有限公司副总经理、党委委员

南京地铁建设有限责任公司党委书记、总经理

*Deputy director of the Engineering Construction Committee of China Association of Metros
Nanjing Metro Group Co., Ltd. Vice General Manager/Member Of The Party Committee
Nanjing Metro Construction Co., Ltd. Party Secretary/General Manager*



陈志宁，一直从事大型基础设施建设工程技术管理工作。研究员级高级工程师，南京市劳动模范、享受江苏省劳动模范待遇。先后参加沪宁高速、南京长江二桥、南京 12 条轨道交通线路的可行性研究、设计、建设、科研等技术工作和管理工作。主编《泥水盾构施工管理手册》，在核心期刊上发表《软流塑地层条件下浅埋暗挖施工技术探讨》等数篇论文。所负责项目荣获南京市“金陵杯”1 项、江苏省“扬子杯”优质工程奖 2 项，中国建筑工程鲁班奖 1 项，中国土木工程詹天佑奖 4 项，国家市政示范工程、国家优质工程银奖 2 项；个人获得部省科技进步二、三等奖 4 项、南京市科技进步奖 5 项，中国岩石力学与工程学会科技进步一等奖 1 项。

Chen Zhining has been engaged in technical management of large-scale infrastructure construction projects. Researcher level senior engineer, model worker of Nanjing, enjoying the treatment of model worker of Jiangsu Province. I have participated in technical and management work such as feasibility study, design, construction, and scientific research for the Shanghai Nanjing Expressway, Nanjing Yangtze River Second Bridge, and 12 rail transit lines in Nanjing. The editor in chief has published several papers in core journals, including "Management Manual for Mud Water Shield Tunnel Construction" and "Exploration of Shallow Buried and Concealed Excavation Construction Technology under Soft Flow Plastic Strata Conditions". The project in charge has won one "Jinling Cup" award in Nanjing, two "Yangtze Cup" high-quality engineering awards in Jiangsu Province, one Luban Award in China Construction Engineering, four Zhan Tianyou Awards in China Civil Engineering, and two national municipal demonstration projects and national high-quality engineering silver awards; I have won 4 second and third prizes for scientific and technological progress at the provincial and ministerial levels, 5 Nanjing Science and Technology Progress Awards, and 1 first prize for scientific and technological progress at the Chinese Society of Rock Mechanics and Engineering.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

杨广武 / Yang Guangwu

中国城市轨道交通协会专家学术委员会副主任

China Association of Metros

Deputy director of the Experts and Academic Committee



杨广武，教授级高工，博士，原北京市重大项目建设办公室总工程师，现任中国城市轨道交通协会专家和学术委员会副主任，北京市轨道交通协会常务副会长。从事城市轨道交通工作，历任北京地铁建设管理有限责任公司技术部副部长、北京市交通委员会轨道建设处处长、轨道养护处处长、北京市轨道建设指挥部办公室常务副主任，北京市重大项目建设指挥部总工程师，负责组织协调推进北京市轨道交通建设。主持编写完成城市轨道交通 20 余部地标、行标和部门规章，如《北京市城市轨道交通安全运营管理办法》、《北京市城市轨道交通工程质量验收标准》等。制定城市轨道交通工程的风险分级控制方法，同时发明了主动支护穿越技术。国内率先主持推动轨道交通全自动驾驶技术，并在北京获得应用。2015 年力推职称评审中增加城市轨道交通专业，增设城市轨道交通 4 个专业，8 个子专业领域。2019 年，推动国家人社部批准协会开展城市轨道交通专业职称评审试点工作，为城市轨道交通专业技术人员技术进步提供了上升通道。

Yang Guangwu, native of Beijing, professor-level senior engineer, doctor, former chief engineer of Beijing Major Project Construction Office, currently an expert and deputy director of the Experts and Academic Committee of China Association of Metros, executive deputy president Beijing Society of Metros Science and Technology. Engaged in urban rail transit work, successively served as deputy director of the technology department of Beijing Metro Construction Management Co., Ltd., director of the rail construction department of the Beijing Municipal Transportation Commission, director of the rail maintenance division, executive deputy director of the Beijing Rail Construction Headquarters Office, and chief engineer of Beijing Major Projects Construction Headquarters; responsible for organizing and coordinating the promotion of Beijing rail transit construction. Presided over the compilation and completion of more than 20 local and industry standards and departmental regulations of urban rail transit, such as Beijing Urban Rail Transit Safe Operation Management Measures, Beijing Urban Rail Transit Project Quality Acceptance Standards, etc. Prepared the risk classification control method of urban rail transit engineering, and invented the active support crossing technology. Took the lead in promoting the application of fully automatic driving technology of rail transit in Beijing. In 2015, proposed the addition of urban rail transit majors in the evaluation of professional titles, and added 4 majors and 8 sub-professional fields of urban rail transit. In 2019, supported the Ministry of Human Resources and Social Security to approve the China Association of Metros to carry out the pilot work of urban rail transit professional title evaluation, providing a development channel for urban rail transit professional and technical personnel.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

江涛 / Jiang Tao

长春市轨道交通集团有限公司党委副书记、总经理

Changchun Railway Traffic Group Co., Ltd. Deputy Party Secretary, General Manager



江涛，中共党员，本科学历，交通工程正高级工程师、国家注册监理工程师、国家注册造价工程师、国家注册一级建造师。1990 年参加工作，2002 年至今任职于长春市轨道交通集团有限公司，现任集团公司党委副书记、总经理。主持了除长春轨道交通 3 号线一期工程以外的所有轨道线路的建设管理。曾荣获长春市总工会“五一劳动奖章”、长春市人民政府“长春市劳动模范”、“吉林省经济技术能手”等荣誉。

Tao JIANG, CPC member, Bachelor degree, Senior engineer of traffic engineering, national registered supervision engineer, national registered cost engineer, national registered first-class construction division. He started to work in 1990 and has been working in Changchun Rail Transit Group Co., Ltd. since 2002. He is the Deputy secretary of the Party Committee and general manager of the Group. Presided over the construction and management of all rail lines except the first phase of Changchun Rail Transit Line 3. He has won the "May 1 Labor Medal" of Changchun Federation of Trade Unions, the "Changchun Model Worker" of Changchun People's Government, and the "economic and technological expert of Jilin Province" and other honors.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张金军 / Zhang Jinjun

中建三局基础设施建设投资有限公司党委书记、董事长
CCTEB Infrastructure Construction Investment Co., Ltd
Party Secretary Chairman of the Board



张金军，中建三局基础设施建设投资有限公司党委书记、董事长，教授级高工，湖北省市政工程协会副会长。致力于现代化企业治理，打造基础设施投资、建造、运营一体化优势，带领公司三度获得“中国建筑蓝海奖”，成为中建集团基础设施业务“排头兵”，荣膺全国文明单位、全国五一劳动奖状。深入参与国家战略区域交通基础设施建设，成功实施 8 省市 16 项城市轨道交通工程，实现“特大中小微”盾构及设备成套技术全覆盖。组织研究发布全国首个《绿色城轨建造发展行动方案》，为全国城市轨道交通绿色发展提供示范与样板。牵头组织《复杂地层长距离大埋深小直径盾构施工关键技术》等 10 余项技术攻关，获省部级科技进步奖 20 余项。

Zhang Jinjun is the party secretary and chairman of the board of CSCIC Infrastructure Construction and Investment Co., Ltd, a professor-level senior engineer, and the vice president of Hubei Municipal Engineering Association. He is committed to modernizing corporate governance, building the advantages of infrastructure investment, construction and operation integration, leading the company to win the “China Construction Blue Ocean Award” for three times, becoming the “front-runner” in infrastructure business of China Construction Group, and being honored as the National Civilized Unit and the National May 1st Labor Award. He has been deeply involved in the construction of national strategic regional transportation infrastructure, successfully implemented 16 urban rail transit projects in 8 provinces and cities, and realized the full coverage of “extra-large, medium-small, small and micro” shield structure and equipment sets. He organized the research and release of the nation’s first “Green Urban Railway Construction Development Action Plan”, which provides demonstration and model for the green development of urban rail transit in China. He took the lead in organizing more than 10 technological research projects, such as “Key Technology of Long Distance, Large Depth and Small Diameter Shield Construction in Complex Ground”, and won more than 20 scientific and technological progress awards at the provincial and ministerial levels.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黄伏莲 / Huang Fulian

中国城市轨道交通协会工程建设专业委员会副秘书长

China Association of Metros Deputy Secretary General of Engineering Construction Committee



黄伏莲，北京城建勘测设计院原副院长，教授级高级工程师，注册土木工程师（岩土）。从事岩土勘察、水文地质、工程监测行业三十多年，在勘察、水文、监测、科研等方面具有扎实的理论基础和丰富的工程实践经验，具有在全国多座城市轨道交通工程勘测及科研履历，在行业内享有较高知名度和影响力。

担任中国城市轨道交通协会工程建设专业委员会副秘书长。

Huang Fulian, former vice president of Beijing Urban Construction Exploration & Surveying Design Research Institute Co., Ltd., professor-level senior engineer, registered civil engineer (geotechnical). She has been engaged in geotechnical investigation, hydrogeology, and engineering monitoring for more than 30 years, with a solid theoretical foundation and rich engineering practice experience in exploration, hydrology, monitoring, scientific research, and other fields. She has been engaged in rail transit engineering surveying and research in multiple cities across the country, and enjoys high recognition and influence in the industry.

Huang serves as the Deputy Secretary General of the Engineering Construction Committee of China Association of Metros.

芦睿泉 / Lu Ruiquan

青岛地铁集团有限公司集团副总经理、总工办主任

Qingdao Metro Group Co., Ltd Vice-General Manager of the Group



芦睿泉，现任青岛地铁集团副总经理兼总工办主任，历任北京城建设计研究总院青岛分院副院长、青岛地铁集团总工办副主任、青岛地铁总工办主任、青岛地铁集团总经理助理等职务。

近年来获得山东省技术发明奖一等奖、山东省科技进步奖二等奖、青岛市科技进步奖二等奖等多项奖项，主持设计青岛地铁3号线工程获第十五届詹天佑奖。

Currently serving as the Vice-General Manager and Director of Chief Engineer's Office of Qingdao Metro Group, he has held various positions including Vice President of the Qingdao Branch of Beijing Urban Construction Design and Research Institute, Deputy Director of the Chief Engineer's Office of Qingdao Metro Group, Director of the Chief Engineer's Office of Qingdao Metro Group, and Assistant to the General Manager of Qingdao Metro Group.

In recent years, he has won multiple awards, including the first prize of Shandong Provincial Technology Invention Award, the second prize of Shandong Provincial Science and Technology Progress Award, and the second prize of Qingdao Municipal Science and Technology Progress Award. He also led the design of Qingdao Metro Line 3 and won the 15th Tien-yow Jeme Civil Engineering Prize.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

潘清 / Pan Qing

无锡地铁集团有限公司总工程师

无锡地铁生态置业投资有限公司董事长

Chief engineer of Wuxi Metro Group Co., Ltd., chairman

Wuxi Metro Ecological Real Estate Investment Co., Ltd.



潘清，教授级高工，无锡地铁集团有限公司总工程师、无锡地铁生态置业投资有限公司董事长，参建工程获国家优质工程金奖 1 项、詹天佑奖 1 项、鲁班奖 2 项、江苏省城乡建设系统优秀勘察设计一等奖 3 项。主持研发装配叠合整体式地下车站（南门站）建造技术，获评 2021 年度江苏省建筑产业现代化示范（装配式建筑示范工程）、2022 年度江苏省建筑产业现代化示范（BIM 技术应用示范工程）、全国地下空间创新大赛优秀科技成果奖、2023 年度江苏省建设科技创新成果二等奖，主编 3 项装配叠合整体式地下车站的中城协团体标准。

Pan Qing, professor-level senior engineer, chief engineer of Wuxi Metro Group Co., Ltd., chairman of Wuxi Metro Ecological Real Estate Investment Co., Ltd., participated in construction projects which have won 1 National Quality Project Gold Award, 1 Tien-yow Jeme Award, 2 Luban Awards, and 3 first prizes of Excellent Survey and Design of Urban and Rural Construction System in Jiangsu Province. Presided over the research and development of the construction technology of assembled and stacked integral underground stations (Nanmen Station) which has won the 2021 Jiangsu Provincial Construction Industry Modernization Demonstration (Prefabricated Building Demonstration Project), led project won the 2022 Jiangsu Provincial Construction Industry Modernization Demonstration (BIM Technology Application Demonstration Project), Excellent Science and Technology Achievement Award in the National Underground Space Innovation Competition, the second prize of Jiangsu Provincial Construction Science and Technology Innovation Achievement Award in 2023; Edited 3 group standards of the China Urban Association for assembled and stacked integral underground stations.

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李振富 / Li Zhenfu

长春市轨道交通集团建设事业总部副部长

Changchun Railway Traffic Group Co., Ltd. Deputy head of construction Department



李振富，中共党员，硕士研究生学历，2011年毕业于西安理工大学，桥梁与隧道工程专业。2011年入职长春市轨道交通集团有限公司，一直从事轨道交通工程建设管理工作，目前担任长春市轨道交通集团有限公司建设事业总部副部长一职。在工作中参与编写了《城市轨道交通工程地下车站装配式混凝土结构技术标准》、《预拌盾构砂浆应用技术标准》、《城市轨道交通岩土工程勘察标准》等地方标准。

Zhenfu LI, CPC member, with a master's degree, graduated from Xi'an University of Technology in 2011, majoring in Bridge and Tunnel Engineering. He joined Changchun Railway Traffic Group Co., Ltd. in 2011 and has been engaged in the management of urban rail transit engineering construction ever since. Currently, he holds the position of Deputy Director of the Construction Business Headquarters of Changchun Railway Traffic Group Co., Ltd. During his work, he participated in the compilation of local standards such as "Technical standard for prefabricated concrete Structure of Underground Station of Urban rail Transit Engineering", "Technical Standard for Application of ready-mixed shield mortar" and "Geotechnical Engineering Investigation Standard of Urban rail Transit".

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潘晓明 / Pan Xiaoming

深圳地铁建设集团有限公司总工程师

Shenzhen Metro Construction Group Co., Ltd. Chief engineer



潘晓明，工学博士，高级工程师，现任深圳地铁建设集团有限公司总工程师。负责深圳地铁具体项目、土建技术、档案、验收、科研以及技术委员会管理、地铁安全保护区工程技术方案审查等工作。在地铁建设过程中的基坑、盾构隧道质量控制、地下工程施工监测技术标准等问题上具有丰富的经验。同时对于涉地铁保护区的工程相关方案，以及涉地铁保护的其他项目施工过程中引起的地铁变形超标、结构损伤的修复等问题均有深入的研究。

Pan Xiaoming, Doctor of engineering, senior engineer, currently the chief engineer of Shenzhen Metro Construction Group Co., Ltd. Responsible for specific projects, civil engineering technology, archives, acceptance, scientific research, technical committee management, and review of engineering technical solutions for subway safety protection areas of Shenzhen Metro. Has rich experience in excavation, shield tunnel quality control, underground engineering construction monitoring technical standards and other issues in the process of metro construction. And has in-depth studies on the relevant projects related to metro protection areas, as well as the construction of other projects related to metro protection, such as excessive metro deformation and structural damage repair caused by the construction process.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

黎庆 / Li Qing

南京地铁建设有限责任公司副总经理

Nanjing Metro Construction Co., Ltd. Deputy General Manager



黎庆，研究员级高级工程师，南京地铁建设有限责任公司副总经理，江苏省有突出贡献的中青年专家，江苏省第五期 333 工程第二层次培养对象”（中青年领军人才）。中国土木工程学会轨道交通分会常务理事、中国土木工程学会隧道及地下工程分会地下铁道专业委员会委员、中国城市轨道交通协会专家和学术委员会委员。全面参与并见证南京地铁 20 余年“城市轨道交通从零到 13 条线的建设，先后组织开展了十余项科研技术攻关，发表论文 10 余篇；获得国家发明专利 4 项、省部级科技进步奖 9 项。

Li Qing, Professor-level senior engineer, deputy general manager of Nanjing Metro Construction Co., Ltd., has received the outstanding contribution to the middle-aged and young experts of Jiangsu Province and the second-level training object for the fifth phase of the 333 Project (i.e. Young and middle-aged leading talents).

Li Qing serves as the executive director of the Railway Transportation Branch of the China Civil Engineering Society as well as a member of the Underground Railway Professional Committee of the Tunneling and Underground Engineering Branch of the same society. Additionally, he is a member of the expert and academic committees of the China Association of Metros, etc. His career fully participated in and witnessed the evolution of Nanjing Metro from a nascent urban rail transit system to the construction of 13 lines over the past 20 years. He also has organized and led more than ten scientific and technological research projects, published over ten papers, secured four national invention patents, and received nine provincial and ministerial-level awards for scientific and technological progress.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

朱海军 / Zhu Haijun

中建三局基础设施建设投资有限公司总工程师

CCTEB Infrastructure Construction Investment Co., Ltd. Chief Engineer



朱海军, 中建三局基础设施建设投资有限公司总工程师, 教授级高级工程师, 一级注册建造师, 中国施工企业管理协会科技专家、中国建筑业协会绿色施工分会专家、湖北省建筑业协会专家委员会工程技术专家。致力于隧道、桥梁、市政施工技术研究与应用, 近 5 年获得“超大输量深层污水隧道建设及安全运行关键技术研究与应用”等科技进步奖 26 项, 获得“地铁联络通道远端制冷冻结加固施工工法”等省部级工法 10 余项; 获得“一种少支点支架纵横向整体滑移式侧模”等专利 20 余项; 发表《大东湖深隧工程小断面超深竖井施工综合技术》等核心期刊论文 20 余篇。

Mr. Zhu Haijun is serving as the Chief Engineer, Senior Engineer on the professor rank and Class I Registered Constructor of CCTEB Infrastructure Construction Investment Co., Ltd., one of the Scientific and Technological Experts of China Association of Construction Enterprise Management, one of the experts of Green Construction and Smart Building Branch of China Construction Industry Association and one of the Engineering and Technical Experts of Expert Committee of Hubei Association of Construction Industry. Mr. Zhu has been dedicated to research and application of tunnel, bridge and municipal construction technologies. During the recent 5 years, he has won 26 scientific and technological progress awards including “Research and application of key technologies in construction and safe operation of deep sewage tunnel with ultra-large conveying capacity”, developed more than 10 provincial and ministerial construction methods like “Construction method for cooling, freezing and solidification on the remote end of subway contact channel”, obtained more than 20 patents including “A integrally vertical and horizontal support-sliding side die with fewer fulcrum points” and published more than 20 papers in core journals including Comprehensive Technologies for Small-section Ultra-deep Shaft Construction in Deep Tunnel Project beneath Dadonghu Lake.

城轨工程建设论坛

——城轨建设新质生产力，绿色装配 智慧建造

Urban Rail Transit Engineering Construction Forum

- New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李继超 / Li Jichao

中国建设基础设施有限公司南方公司总工程师

CSCIC Southern company Chief Engineer



李继超，中共党员，教授级高工，现任中建南方投资有限公司总工程师，中国施工企业管理协会科技专家、全过程质量专家，深圳建筑业协会质量专家。获省部级以上科技奖 9 项、国家级工法 2 项、发明专利 10 项、实用新型专利 10 项，发表论文 22 篇。自工作以来，李继超一直从事技术与科技研发工作。先后参与扬子石化自备电厂、南京商贸大厦、深圳地铁 9 号线及西延线、深圳地铁 6 号线 6103 标、深圳前海枢纽、深圳地铁 13 号线一期、二期等项目技术管理，项目经验丰富，累计创造效益近 10 亿元。作为主要负责人参与了 6 项省部级以上课题研究工作，针对城市地铁建设完成了地铁车站和区间隧道系列施工技术、“内岩支护”理论和“十字岩体”系列技术、基于盾构切削及地层变形控制的地层分类方法、安全管理体系和绿色建造评价标准的系列创新。

Li Jichao, member of CPC, full senior engineer, is the chief engineer of China Construction South Investment Co., Ltd, science and technology expert of China Construction Enterprises Management Association, quality expert of the whole process, quality expert of Shenzhen Construction Industry Association. He has won 9 science and technology awards at provincial and ministerial levels, 2 national work methods, 10 invention patents and 10 utility model patents, and published 22 papers. Since his work, Li Jichao has been engaged in technical and scientific research and development work. He has participated in the technical management of Yangzi Petrochemical self-provisioned power plant, Nanjing Trade Building, Shenzhen Metro Line 9 and West Extension, Shenzhen Metro Line 6 6103 standard, Shenzhen Qianhai Hub, Shenzhen Metro Line 13 Phase I and Phase II, etc. He has rich experience in the project and has created a cumulative benefit of nearly 1 billion yuan. As the main person in charge, he has participated in 6 provincial and ministerial level research projects, and completed a series of construction technologies for metro stations and interval tunnels, the theory of “internal rock support” and the series of technologies of “cross rock body”, the method of stratum classification based on the shield cutting and stratum deformation control, and the method of safety and security. For urban metro construction, the company has completed a series of construction technologies for metro stations and interval tunnels, the theory of “internal rock support” and the series of “cross rock body” technologies, the stratum classification method based on shield cutting and stratum deformation control, the safety management system and the evaluation standard of green construction.

城轨工程建设论坛

——城轨建设新质生产力，绿色装配 智慧建造

Urban Rail Transit Engineering Construction Forum

- New Quality Productive Forces in Urban Rail Transit Construction, Green Assembling, Smart Construction

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

林放 / Lin Fang

北京城建设计发展集团股份有限公司高级研发工程师
Beijing Urban Construction Design & Development Group Co., Limited
Senior R&D Engineer



林放，北京城建设计发展集团高级工程师，城市轨道交通绿色与安全建造技术国家工程研究中心高级研发工程师，2023-2025 北京市科协青年托举人才，主要从事城市轨道交通工程地下结构领域科技创新工作，重点研究领域为装配式地下结构等城市轨道交通绿色建造技术方向。已在国内外重要期刊发表论文 50 余篇，获得国际及国家发明专利 20 余项，登记软件著作权 10 余项，参与多部规范标准编写。

Fang LIN, senior engineer of Beijing Urban Construction Design& Development Group, senior research and development engineer of the National Engineering Research Center of Green&Safe Construction Technology in Urban Rail Transit, and 2023-2025 young talent of Beijing Association for Science and Technology, is mainly engaged in scientific and technological innovation in the field of urban rail transit engineering underground structure, with the focus on research fields of urban rail transit green construction technology such as prefabricated underground structure. She has published more than 50 papers in important domestic and international journals, obtained more than 20 international and national invention patents, registered more than 10 software copyrights, and participated in the writing of multiple normative standards.

郭源明 / Guo Yuanming

中庆建设有限责任公司副总工程师
Zhongqing Construction Co., Ltd. Deputy chief engineer



郭源明 中庆建设有限责任公司地铁事业部总工程师 正高级工程师 长春市建筑业协会专家 曾参与编写《城市轨道交通工程监测技术标准》《城市轨道交通资料管理标准》、《长春市房屋市政工程安全生产标准化指导图册》等地方标准及图集，获得发明专利及实用新型 10 余项、省级工法及 QC20 余项。2020 年负责长春市快速轨道交通北湖线一期工程创优相关工作，获得 2020~2021 年度第一批中国建设工程鲁班奖。

Guo Yuanming, chief engineer and senior engineer of the Metro Business Department of Zhongqing Construction Co., Ltd. expert from Changchun Construction Industry Association. Guo Yuanming has participated in the compilation of the Urban Rail Transit Engineering Monitoring Technical Standards, Urban Rail Transit Data Management Standards, Changchun Housing and Municipal Engineering Safety Production Standardization Guidance Atlas and other local standards and atlases, and has obtained more than 10 invention patents and utility models, and more than 20 provincial construction methods and QCs. Led the quality improvement works in Changchun Rapid Rail Transit Beihu Line (phase I) project in, and won the first batch of China Luban Prize for Construction Project 2020-2021.

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

中国地铁广告传媒高质量发展大会 ——数智创新 聚势共赢

*China Metro Advertising Media Development Conference
- Digital and Smart Innovation, Pooling Resources for Win-win*

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 14:00-17:00

论坛地点: 南京国际博览中心会议中心 1 层 中华厅

主办单位: 中国城市轨道交通协会

承办单位: 中国城市轨道交通协会资源经营专业委员会

中国广告协会地铁广告专业委员会

北京中城轨会展有限公司

协办单位: 德高中国

今创集团股份有限公司

浙江天铁股份有限公司

Time: June 14, 2024 14:00-17:00

Place: Zhonghua Hall 1, Nanjing International Expo Center

Host: China Association of Metros

Co-sponsored by: CAMET Resource Management Committee

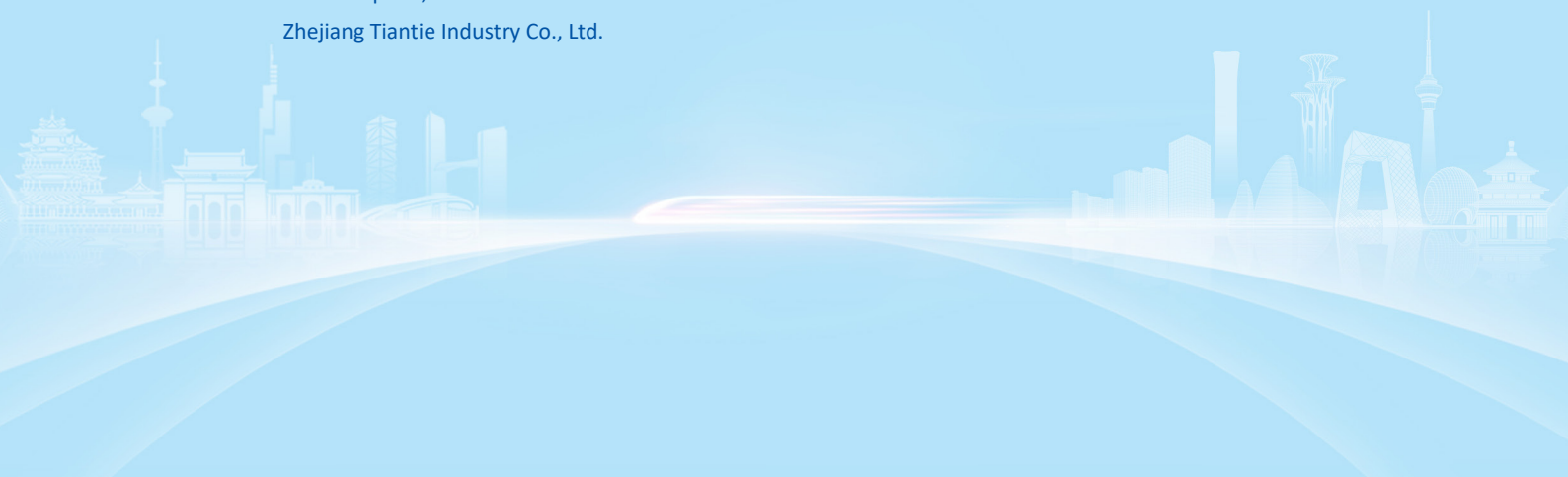
Metro Advertising Committee of China Advertising Association

Beijing CAMET Exhibition Co., Ltd.

Co-organizer: JCDecaux

KTK Group Co., Ltd.

Zhejiang Tiantie Industry Co., Ltd.



论坛议程 / FORUM AGENDA

| 主持人 | 朱婧熙（特邀） | | |
|-------------|---------|-----|----------------------------|
| 时 间 | 内 容 | 致辞人 | 单位及职务 |
| 14:00-14:05 | 致欢迎词 | 周晓勤 | 中国城市轨道交通协会常务副会长 |
| 14:05-14:15 | 领导讲话 | 叶 彤 | 中国城市轨道交通协会 资源经营专业委员会副主任 |

一、主旨发言

| 时 间 | 演讲单位 |
|-------------|--------------|
| 14:15-14:30 | 南京地铁集团有限公司 |
| 14:30-14:45 | 武汉地铁集团有限公司 |
| 14:45-15:00 | 德高中国 |
| 15:00-15:15 | 乐达传媒集团有限公司 |
| 15:15-15:30 | 央视市场研究股份有限公司 |

二、平台启动仪式

| | |
|-------------|--------------------------------|
| 15:30-15:50 | 智媒通——城市轨道交通广告媒体数字化资源联盟分发平台启动仪式 |
|-------------|--------------------------------|

三、“今创杯·中国地铁广告大赛”颁奖典礼

| 时 间 | 颁奖内容 |
|-------------|----------------|
| 16:00-16:20 | 公益广告奖颁奖 |
| 16:20-16:35 | 营销案例奖颁奖 |
| 16:35-16:50 | 媒体创新奖颁奖 |
| 16:50-16:55 | 中国地铁广告贡献奖颁奖 |
| 16:55-17:00 | 中国地铁广告卓越领袖企业颁奖 |
| 17:00-17:05 | 宣读地铁影响力品牌获奖名单 |

论坛议程 /FORUM AGENDA

| Host | Zhu Jingxi (specially invited) | | |
|-------------|--------------------------------|--------------|---|
| DATE | CONTENT | SPEAKER | UNIT&POSITION |
| 14:00-14:05 | Welcome speech | Zhao Xiaoqin | Executive Deputy President of China Association of Metros |
| 14:05-14:15 | Leader speech | Ye Tong | Deputy Director of Resource Management Committee of China Association of Metros |

I. Keynote speech

| DATE | UNIT |
|-------------|-------------------------------|
| 14:15-14:30 | Nanjing Metro Group Co., Ltd. |
| 14:30-14:45 | Wuhan Metro Group Co., Ltd. |
| 14:45-15:00 | JCDecaux |
| 15:00-15:15 | Leader Media Group Co., Ltd. |
| 15:15-15:30 | CTR Market Research Co. Ltd. |

II. Platform launch ceremony

| 15:30-15:50 | Launch Ceremony of Zhimeitong- Digital Resource Alliance Distribution Platform for Urban Rail Transit Advertising Media |
|-------------|---|
| DATE | AWARDS |
| 16:00-16:20 | Public Service Advertising Award |
| 16:20-16:35 | Marketing Case Award |
| 16:35-16:50 | Media Innovation Award |
| 16:50-16:55 | China Metro Advertising Contribution Award |
| 16:55-17:00 | China Metro Advertising Outstanding Leading Enterprise |
| 17:00-17:05 | Announce the List of Metro Influential Brands |

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

城市轨道交通可持续发展设计论坛 ——创新设计高性价比系统解决方案

*Sustainable Design Forum for Urban Rail Transit
- Innovative design of cost-effective system solutions*

论坛架构 / FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 09:00-12:00

论坛地点: 南京国际博览会议中心 3 层 钟山厅

主办单位: 中国城市轨道交通协会

中国中车股份有限公司

承办单位: 中车城市交通规划设计研究院有限公司

Time: June 14, 2024 09:00-12:00

Place: Zhong Shan Hall, 3Rd floor, Nanjing International Expo Center

Host: China Association of Metros

CRRC Corporation Limited

Organizer: CRRC P&D Institute Co., Ltd.



论坛议程 / FORUM AGENDA

| | |
|-----|--------------------|
| 主持人 | 张洪权 中国中车城市交通事业部总经理 |
|-----|--------------------|

一、开幕致辞

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|------------------|------|-------------------|
| 09:00-09:15 | 中国城市轨道交通协会领导致祝贺辞 | 宋敏华 | 中国城市轨道交通协会副会长兼秘书长 |
| 09:15-09:20 | 中国中车领导致开幕辞 | 宁文泽 | 中国中车股份有限公司总裁助理 |

二、主题演讲

| 时 间 | 演讲主题 | 演讲嘉宾 | 单位及职务 |
|-------------|---|------|------------------------------|
| 09:20-09:40 | 设计增效新质生产力、创新助推高质量发展 ——基于数智化、绿色化城轨全生命周期系统解决方案设计创新研究 | 李春宇 | 中车城市交通规划设计研究院有限公司 副总经理、总工 |
| 09:40-10:00 | 基于 GIS+BIM 空间技术的城轨交通建设管理导航系统 | 莫振泽 | 无锡地铁集团有限公司 总工办副主任、技术委副主任 |
| 10:00-10:20 | 自主运行 未来已来—列车自主运行系统（TACS） 自主创新实践 | 任 玲 | 青岛地铁集团有限公司 设备技术部副部长 |
| 10:20-10:35 | 茶 歇 | | |
| 10:35-10:55 | 迈向可持续发展轨道交通：能碳双控评价体系的研究与探索 | 李爱东 | 中国铁路设计集团有限公司 副总工程师 |
| 10:55-11:15 | 基于车地一体化的轨道交通装备系统集成 | 刘厚林 | 中车重庆智慧轨道交通技术有限公司 副总经理 |
| 11:15-11:35 | 城市轨道交通系统融合的挑战与探索 | 刘为俊 | 中铁第四勘察设计院集团有限公司 通号院副总工程师 |
| 11:35-11:55 | 中低运量轨道交通的发展与思考 | 徐闯闯 | 中车城市交通规划设计研究院有限公司 线路规划处处长 |
| 11:55-12:00 | 会议结束 | | |

论坛议程 / FORUM AGENDA

| | |
|------|--|
| Host | Zhang Hongquan, General Manager of CRRC Urban Rail Transit Business Division |
|------|--|

I. OPENING SPEECH

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|--|-------------|---|
| 09:00-09:05 | Congratulatory speech by leader of China Association of Metros | Song Minhua | Vice president and Secretary-General of China Association of Metros |
| 09:05-09:20 | Opening speech by leader of CRRC | Ning Wenze | President Assistant, CRRC Corporation Limited |

II. KEYNOTE SPEECHES

| DATE | SPEECH TOPIC | GUEST PEAKER | UNIT&POSITION |
|-------------|---|-----------------|---|
| 09:20-09:40 | Enable New Quality Productivity with Design, Boosts High-quality Development with Innovation-- Design Innovation Research of Urban Metros Full Life Cycle System Solution Based on Digital Intelligence and Green | Li Chunyu | Deputy general manager and chief engineer of CRRC P&D Institute Co., Ltd. |
| 09:40-10:00 | Urban Metros Construction Management Navigation System Based on GIS BIM Space Technology | Mo Zhenze | Deputy director of Chief Engineering Office and deputy director of Technical Committee of Wuxi Metro |
| 10:00-10:20 | Autonomous Running, Future is Coming --Independent Innovation and Practice of Train Autonomous Circumambulate System (TACS) | Ren ling | Qingdao Metro Group Co.,Ltd Deputy Director |
| 10:20-10:35 | Tea break | | |
| 10:35-10:55 | Sustainable Development of Metros: Research and Exploration of Energy-Carbon Dual Control Evaluation System | Li Aidong | Deputy chief engineer, China Railway Design Corporation |
| 10:55-11:15 | Metro Equipment System Integration Based on Vehicle-Ground Integratio | Liu Houlin | Deputy general manager of CRRC Chongqing Branch |
| 11:15-11:35 | Challenges and Explorations of Urban Metro System Integration | Liu Weijun | Deputy chief engineer, Communication Signal Design and Research Institute of China Railway Siyuan Survey and Design Group Co., Ltd. |
| 11:35-11:55 | Development and Thinking of Metro with Medium and Low Traffic Capacity | Xu Chuangchuang | Director of Line Planning Department, CRRC P&D Institute Co., Ltd. |
| 11:55-12:00 | End of the meeting | | |

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

宋敏华 / Song Minhua

中国城市轨道交通协会副会长

北京交通大学兼职教授博士生导师

Vice President and Secretary-General of China Association of Metros

part-time professor and doctoral supervisor of Beijing Jiaotong University and Tongji University



宋敏华，教授级高工，北京交通大学 兼职教授、博士生导师，同济大学兼职教授。从事我国城轨交通规划、设计、管理工作 36 年。1983.7-1987.12 上海市隧道设计研究院；1987.12-1999.2 北京城建设计研究院；历任北京城建勘测设计研究院院长；北京城建设计研究总院院长；北京城建集团副总工程师；2011.10 至今 中国城市轨道交通协会 副会长兼秘书长。

Song Minhua, Professor-level senior engineer, part-time professor and doctoral supervisor of Beijing Jiaotong University and Tongji University. Has been engaged in the planning, design and management of urban rail transit in China for 36 years. July 1983 - December 1987 Shanghai Tunnel Engineering & Rail Transit Design and Research Institute; December 1987 - February 1999 Beijing Urban Construction Design and Research Institute; Served as president of Beijing Urban Construction Exploration and Surveying Design Research Institute; President of Beijing Urban Construction Design and Research Institute; 2011.10 - present Vice president and secretary-general of China Association of Metros.

宁文泽 / Ning Wenze

中国中车股份有限公司总裁助理

President Assistant, CRRC Corporation Limited



宁文泽，山西运城人，硕士研究生学历，高级工程师。1993 年 11 月加入中国共产党。1995 年 7 月参加工作，现任中国中车股份有限公司总裁助理。1995 年 7 月 -2018 年 8 月，历任中车永济电机有限公司市场营销部部长、副总经理、董事、总经理、党委副书记。2018 年 8 月 -2020 年 4 月，历任中车株洲电机有限公司董事、总经理、党委副书记。2020 年 4 月至今任中国中车股份有限公司总裁助理。

Profile: Born in Yuncheng, Shanxi, Master's Degree and a senior engineer. Joined the CPC in November 1993. Started working in July 1995 and currently serves as the Assistant to the President of CRRC Corporation Limited. From July 1995 to August 2018, served as the Head of Marketing Department, Deputy General Manager, Director, General Manager, and Deputy Secretary of CPC of CRRC Yongji Electric Co., Ltd. From August 2018 to April 2020, served as Director, General Manager, and Deputy Secretary of CPC of CRRC Zhuzhou Electric Co., Ltd. Since April 2020, has been serving as the Assistant to the President of CRRC Corporation Limited.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

张洪权 / Zhang Hongquan

中国中车城市交通事业部总经理

General Manager of CRRC Urban Rail Transit Business Division



李春宇 / Li Chunyu

中车城市交通规划设计研究院有限公司副总经理、总工程师

CRRC P&D Institute Co., Ltd. Deputy general manager and chief engineer



李春宇,1999年毕业于北京交通大学,正高级工程师。主持了10余个地铁项目通信信号工程设计工作,主持项目曾荣获中国建设工程鲁班奖(国家优质工程)、全国工程建设项目优秀设计成果奖(中国施工企业管理协会)及省部级优秀工程设计等奖项,多次荣获“劳动模范”、“优秀项目总工程师”、“个人突出贡献奖”等奖项;参编《中国城市轨道交通绿色城轨发展行动方案》、《中国城市轨道交通全自动运行系统技术指南》、《城市轨道交通信号系统用户需求书(范本)》、《储能式自动导向胶轮电车交通系统工程技术指南》等多项标准;主持、参与中城协、中车重大、重点科研项目近10项。

He graduated from Beijing Jiaotong University in 1999 and is a senior engineer. He has presided over the communication signal engineering design of more than 10 metro projects, which have won the Luban Prize for Construction Project (National Quality Project), the National Engineering Construction Project Excellent Design Achievement Award (China Association for Construction Enterprise Management) and provincial and ministerial excellent engineering design and other awards; Won many awards such as "Model Worker", "Excellent Project Chief Engineer", "Individual Outstanding Contribution Award"; Participated in the compilation of Green Urban Rail Development Action Plan of China Urban Rail Transit, China Urban Metro Automatic Operation System Technical Guide, Urban Metro Signal System User Requirements Book (Template), Energy Storage Automatic Guided Rubber Roller Traffic System Engineering Technical Guide and many other standards; Presided over and participated in about 10 major and key scientific research projects of China Association of Metros and CRRC.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

莫振泽 / Mo Zhenze

无锡地铁集团有限公司总工办副主任、集团技术委副主任

Wuxi Metro Group Co., Ltd.

the Chief Engineering Office, deputy director of the Technical Committee of the group



莫振泽，博士后，正高级工程师，现任无锡地铁集团有限公司总工办副主任、集团技术委副主任。主要从事城市轨道交通工程基于 BIM 空间技术的建设管理导航系统研发、装配叠合整体式地下车站的研发和建设、盾构技术风险管控等方面的专业工作。参与建设的无锡地铁工程项目获国家优质工程金奖 1 项、詹天佑奖 1 项、鲁班奖 2 项、江苏省城乡建设系统优秀勘察设计一等奖 3 项、江苏省“扬子杯”4 项等荣誉，中国城市轨道交通科技双创大赛全国总决赛杰出导师、江苏省城市轨道交通科技创新先进个人、江苏省地下空间学会优秀科技工作者、江苏省新技术应用示范工程评审专家、江苏省首批智能建造专家、“无锡市有突出贡献的中青年专家”、“无锡市青年双创英才”、“无锡市太湖人才”。

Postdoctoral fellow, senior engineer, currently the deputy director of the chief engineering office of Wuxi Metro Group Co., Ltd. And the deputy director of the Technical Committee of the group He is mainly engaged in the research and development of construction management and navigation system based on BIM space technology in urban metro engineering, the research and development and construction of assembled and superimposed integral underground stations, and the risk management and control of shield technology. The Wuxi metro project he participated in the construction won 1 National Quality Engineering Gold Award, 1 Tien-yow Jeme Award, 2 Luban Awards, 3 first prizes of Excellent Survey and Design of Urban and Rural Construction System in Jiangsu Province, 4 "Yangtze Cup" in Jiangsu Province and other honors. For individual, he has won honors including: Outstanding mentor of the national finals of China Urban Metro Science and Technology Innovation Competition, advanced individual of Jiangsu Urban Metro Science and Technology Innovation, outstanding scientific and technological worker of Jiangsu Underground Space Society, evaluation expert of Jiangsu New Technology Application Demonstration Project, the first batch of intelligent construction experts in Jiangsu Province, Young and Middle-aged Experts with Outstanding Contributions in Wuxi, Youth Talents for Innovation and Entrepreneurship in Wuxi, and Wuxi Taihu Lake Talents.

城市轨道交通可持续发展设计论坛 ——创新设计高性价比系统解决方案

*Sustainable Design Forum for Urban Rail Transit
- Innovative design of cost-effective system solutions*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

任玲 / Ren ling

青岛地铁集团有限公司设备技术部副部长
Qingdao Metro Group Co., Ltd. Deputy Director



任玲，2004年毕业于西南交通大学，高级工程师，青岛地铁集团设备部副部长，从事城轨设备系统技术管理工作20年。参编《城市轨道交通信息化关键技术规范》等多项国标/行标；牵头编制《青岛市轨道交通自动售检票系统检测规程》等多部专著；牵头或参与的项目先后获得青岛市科技进步二等奖、山东省青年创新项目、山东省企业品牌创新成果一等奖、山东省智慧城市大数据创新应用技能大赛一等奖等多项荣誉称号，并拥有多项专利和知识产权。

Ren Ling, female, graduated from Southwest Jiaotong University in 2004, is a senior engineer and deputy director of the Equipment Department of Qingdao Metro Group. She has been engaged in the technical management of urban rail transit equipment for 20 years. She has participated in the compilation of several national and industry standards such as "Urban Rail Transit Information Technology Key Technology Specifications"; led the compilation of monographs such as "Qingdao Rail Transit Automatic Fare Collection System Inspection Regulations"; led or participated in projects that have successively won several honorary titles such as the second prize of Qingdao Science and Technology Progress, Shandong Province Youth Innovation Project, Shandong Province Enterprise Brand Innovation Achievement First Prize, and the first prize of Shandong Province Smart City Big Data Innovation Application Skills Competition, and has several patents and intellectual property rights.

城市轨道交通可持续发展设计论坛 ——创新设计高性价比系统解决方案

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李爱东 / Li Aidong

中国铁路设计集团有限公司副总工程师

China Railway Design Corporation Deputy chief engineer of the group



李爱东，现任中国铁路设计集团有限公司副总工程师，技术委员会副主任、特级专家、正高级工程师。兼任中国城市轨道交通协会设计咨询专业委员会副秘书长，2020 年度当选为首届深圳市工程勘察设计大师。从事城市轨道交通勘察设计与技术研究 30 多年，主持完成了深圳地铁 14 号线、5 号线、7 号线、10 号线、4 号线三期、8 号线、天津地铁 1 号线、2 号线、3 号线、上海 9 号线等地铁工程项目，深大城际、南中珠等城际铁路项目，佛山有轨电车、坪山云巴等新制式交通项目，岗厦北、黄木岗、大运、平湖、五和、机场东、珠三角机场等综合交通枢纽项目，在多种制式轨道交通工程的规划、勘察设计与技术研究领域贡献卓越。获得省部级及以上奖项 40 余项，发表论文 10 余篇，编写标准 6 部、专著 4 部。

Li Aidong, deputy chief engineer of China Railway Design Corporation, deputy director of Technical Committee, special expert and senior engineer. Concurrently serves as the deputy secretary-general of Design & Consulting Committee of China Association of Metros, and was elected as the first Shenzhen Engineering Survey and Design Master in 2020. Engaged in the survey, design and technical research of urban metro for more than 30 years; presided over Line 14, Line 5, Line 7, Line 10, Line 4 Phase III, and Line 8 of Shenzhen Metro, Line 1, Line 2 and Line 3 of Tianjin Metro, and Shanghai Line 9, Shenzhen International Airport-Dayawan Intercity Railway, Nansha-Zhuhai (Zhongshan) and other intercity railway projects, Foshan tram, Pingshan Cloud Bus and other new standard transportation projects, Gangxia North Station, Huangmugang Station, Universiade Station, Pinghu Station, Wuhe Station, Airport East Station, Pearl River Delta Airport and other comprehensive transportation hub projects. Li Aidong has made outstanding contributions in the planning, survey, design and technical research fields of various standard metro projects. He has won more than 40 awards at the provincial and ministerial level and above, published more than 10 papers, compiled 6 standards and 4 monographs.

城市轨道交通可持续发展设计论坛 ——创新设计高性价比系统解决方案

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

刘厚林 / Li Houlin

中车重庆智慧轨道交通技术有限公司 副总经理
CRRC CHONGQING CO., LTD. Deputy general manager



刘厚林，1996年毕业于上海铁道大学铁车辆专业，从事轨道交通装备研制，历任中车株洲电力机车有限公司技术中心城轨研发部经理、工业设计中心（国家级）主任、中车时代电动汽车有限公司副总经理兼总工程师、中车重庆智慧轨道交通技术有限公司副总经理，中车首席技术专家，先后参与中华之星、上海地铁11号线、深圳地铁1号线、宁波地铁1号线、安卡拉地铁等项目车辆研制。先后获得湖南青年五四奖章、中华全国铁路总工会火车头奖章、株洲市领军人才等荣誉称号。

Graduated from Shanghai Tiedao University in 1996, majoring in railway vehicles, engaged in the research and development of rail transit equipment. has successively served as the manager of the urban metro research and development department of the technology center of CRRC Zhuzhou Locomotive Co., Ltd., the director of the industrial design center (national level), the deputy general manager and chief engineer of CRRC Electric Vehicle Co., Ltd., the deputy general manager of CRRC CHONGQING CO., LTD., and the chief technical expert of CRRC. He has successively participated in the development of vehicles for China Star, Shanghai Metro Line 11, Shenzhen Metro Line 1, Ningbo Metro Line 1, Ankara Metro and other projects. He has successively won honorary titles such as the May 4th Medal of Hunan, the Locomotive Medal of the All-China Railway Federation of Trade Unions, and Zhuzhou Leading Talent.

刘为俊 / Liu Weijun

中铁第四勘察设计院集团有限公司通号院副总工程师
 无锡时代智能交通研究院有限公司副总经理
*China Railway Siyuan Survey and Design Group Co, Ltd.,
 Communication Signal Design and Research Institute Deputy chief engineer
 Wuxi Times Intelligent Transportation Research Institute Co., Ltd. Deputy general manager*



刘为俊，铁四院通号院副总工程师，长期从事轨道交通工程通信系统、城轨云、市政项目弱电系统设计工作。先后获湖北省勘察设计协会优秀设计一等奖一项、江苏省城乡建设系统优秀勘察设计二等奖两项、中国铁道建筑总公司优秀工程设计二等奖一项。作为主编委员，编写学术专著《城市轨道交通绿色智慧车站》；专利5项。

Liu Weijun, male, deputy chief engineer of Communication Signal Design and Research Institute of China Railway Siyuan Survey and Design Group Co., Ltd., has long been engaged in the design of communication systems for rail transit projects, urban rail clouds, and weak current systems for municipal projects. Liu has successively won one first prize of Excellent Design of Exploration and Design Association of Hubei Province, two second prizes of Excellent Survey and Design of Urban and Rural Construction System in Jiangsu Province, and one second prize of Excellent Engineering Design of China Railway Construction. Compiled the academic monograph Urban Metro Green Smart Station as the editor-in-chief member; has 5 patents.

论坛议程 / FORUM AGENDA

徐闯闯 / Xu Chuangchuang

中车城市交通规划设计研究院有限公司线路规划处处长

CRRC P&D Institute Co., Ltd.

Director of Line Planning Department



徐闯闯，长期从事轨道交通规划设计工作，主持参与了轻轨、中低速磁浮、跨座式单轨、悬挂式单轨、导轨式胶轮、有轨电车及电子导向胶轮等不同制式的中低运量轨道交通项目规划设计工作。在 2019 年获得河北省优秀城市规划设计二等奖，2019 年获得安徽省优秀城市规划设计二等奖，2021 年获得南京市优秀城乡规划设计一等奖。发表多篇论文、专利。。

He has been engaged in the planning and design of rail transit for a long time, leading and participating in the planning and design of different standards of medium and low volume rail transit projects, such as light rail, medium and low-speed maglev, straddle monorail, suspension monorail, rail-type rubber wheel tram, trams, and electronic guide rubber wheel tram. He won the second prize of Excellent Urban Planning and Design in Hebei Province in 2019, the second prize of Excellent Urban Planning and Design in Anhui Province in 2019, and the first prize of Excellent Urban and Rural Planning and Design in Nanjing City in 2021. Published many papers and obtained patents.

城市轨道交通可持续发展设计论坛 ——创新设计高性价比系统解决方案

*Sustainable Design Forum for Urban Rail Transit
- Innovative design of cost-effective system solutions*

2024 北京 - 南京国际城市轨道交通高峰论坛
International Metro Transit Forum (Beijing-Nanjing)

“我看新质生产力” 第二届交大校友沙龙 ——校友企业家、工程师畅谈新质生产力

*"My View of the New Quality Productive Forces" - 2nd Jiao Tong University Alumni Salon:
Alumni Entrepreneurs and Engineers Discussing the New Quality Productive Forces*

论坛架构 /FORUM STRUCTURE

论坛时间: 2024 年 6 月 14 日 18:00-22:00

论坛地点: 南京国际博览会议中心 4 层 南京 403 会议室

支持单位: 中国城市轨道交通协会

主办单位: 交大校友总会

协办单位: 南京地铁集团有限公司

青岛地铁集团有限公司

中车南京浦镇车辆有限公司

交控科技股份有限公司

承办单位: 北京交大城轨校友会

北京中城轨会展有限公司

Time: June 14, 2024 18:00-22:00

Place: Conference Room 403, Nanjing Hall, Nanjing International Expo Center

Supported by: China Association of Metros

Host: Jiaotong University Alumni Association

Co-organizer: Nanjing Metro Group Co., Ltd.

Qingdao Metro Group Co., Ltd.

CRRC Nanjing Puzhen Co., Ltd.

Beijing Traffic Control Technology Co., Ltd.

Organizer: Beijing Jiaotong University Rail Transit Alumni Association

Beijing CAMET Exhibition Co., Ltd.

论坛议程 / FORUM AGENDA

| | |
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| 主持人 | 李元胜 中国城市轨道交通协会副秘书长、新闻发言人，《城市轨道交通》杂志社社长 北京交大城轨校友会副会长兼秘书长 |
|-----|--|

一、领导寄语

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|----------|------|---------------------------------------|
| 18:00-18:10 | 协会领导讲话 | 宋敏华 | 中国城市轨道交通协会副会长兼秘书长 北京交通大学兼职教授、博士生导师 |
| 18:10-18:20 | 校友总会领导致辞 | 郭雪萌 | 交大校友总会秘书长 北京交大外联处处长 |

二、校友交流第一阶段：城轨行业新质生产力探究与实践

点评嘉宾：宋敏华

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|----------------------------------|------|---|
| 18:20-18:35 | 城轨新质生产力的创新发展 ——融合城轨发展的理解与思考 | 吴 昊 | 中国城市轨道交通协会专家学术委青年学部专家 北京智慧城市网络有限公司总经理 |
| 18:35-18:50 | 从轨道交通到低空经济领域的跨界新质生产力的 探索与实践 | 郜春海 | 中国城市轨道交通协会副会长 北京交大城轨校友会会长 交控科技股份有限公司董事长 |
| 18:50-19:05 | 新质生产力既要创新更要挖潜 ——城轨既有线改造问题几点思考 | 魏 运 | 中国城市轨道交通协会专家学术委副主任 北京市地铁运营有限公司首席专家、副总工程 师、技术创新研究院院长 |
| 19:05-19:20 | 科技创新与科学普及，一体两翼赋能城轨新质生 产力发展 | 曲思源 | 中国铁路上海局集团有限公司 正高级工程师 |

三、校友交流第二阶段：城轨企业新质生产力探究与实践

点评嘉宾：郜春海

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|-------------|-------------------------------|-----|------------------------------|
| 19:20-19:35 | 南京都市圈轨道交通新质生产力探索与实践 | 汪 理 | 南京地铁建设有限责任公司 党委委员、车站设备处处长 |
| 19:35-19:50 | 以数智驱动、模式创新赋能高端装备企业新质生 产力引擎 | 李春广 | 中车南京浦镇车辆有限公司 副总经理 |

论坛议程 / FORUM AGENDA

| 时 间 | 发言主题 | 发言嘉宾 | 单位及职务 |
|-------------|-----------------------------------|------|--------------------------------|
| 19:50-20:05 | 上海电气轨道交通产业转型与发展——智能维保与健康管理平台开发与应用 | 陆雪忠 | 上海电气自动化集团有限公司 副总裁 |
| 20:05-20:20 | 新质生产力赋能青岛地铁智能运维整体规划建设 | 任 玲 | 青岛地铁集团设备技术部副部长 |
| 20:20-20:35 | 绿色城轨新质生产力的实践：新一代车站节能环保控制系统 | 史和平 | 上海嘉成轨道交通安全保障系统股份公司 董事长 |
| 20:35-20:50 | 数智化列控系统赋能新质生产力 | 余公平 | 上海电气泰雷兹交通自动化系统有限公司 战略及市场部总监 |
| 20:50-21:05 | 关于当前形势下 TOD 发展及其与新质生产力关系的思考 | 朱晓兵 | 西南交大 TOD 研究中心主任 |

四、校友圆桌讨论：“我说新质生产力”

| | |
|-------------|---|
| 主持人 | 吴 昊 中国城市轨道交通协会专家学术委青年学部专家、北京智慧城市网络有限公司总经理 |
| 21:05-21:25 | 一组交流：四所交大校友企业家 |
| 21:25-21:40 | 二组交流：四所交大工程师代表 |

五、自由交流：“共话新质生产力”

| | |
|-------------|---------|
| 21:40-22:00 | 自由交流、讨论 |
|-------------|---------|

“我看新质生产力” 第二届交大校友沙龙
——校友企业家、工程师畅谈新质生产力

"My View of the New Quality Productive Forces" - 2nd Jiao Tong University Alumni Salon:
Alumni Entrepreneurs and Engineers Discussing the New Quality Productive Forces

论坛议程 /FORUM AGENDA

| | |
|------|---|
| Host | Li Yuansheng (Deputy Secretary-General of China Association of Metros, Spokesperson, President of the China Metros Magazine, Vice President and Secretary-General of Beijing Jiaotong University Rail Transit Alumni Association) |
|------|---|

I. Message from the leadership

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|--|-------------|--|
| 18:00-18:10 | Speech by the Association's leadership | Song Minhua | Vice President and Secretary-General of China Association of Metros and Guest Professor at Beijing Jiaotong University |
| 18:10-18:20 | Address by the Alumni Association's leadership | Guo Xuemeng | Secretary-General of Jiaotong University Alumni Association & Director of External Relations Office at Beijing Jiaotong University |

II. Alumni exchange phase 1: Exploring and practicing new quality productivity in the urban rail industry
Guest reviewer: Song Minhua

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|-------------|---|-------------|--|
| 18:20-18:35 | Innovative development of new quality productivity of urban rail-- Understanding and thinking of integrating urban rail development | Wu Hao | Expert of the Youth Division of the Expert Academic Committee of China Association of Metros & General Manager of Beijing Smart City Network Co., Ltd. |
| 18:35-18:50 | Exploration and practice of cross-border new quality productivity from rail transit to the low-altitude economy | Gao Chunhai | Vice President of China Association of Metros, President of Beijing Jiaotong University Rail Transit Alumni Association & Traffic Control Technology Co., Ltd. Chairman |
| 18:50-19:05 | New quality productivity requiring both innovation and potential mining - Reflections on the problems of existing line transformation in urban rail transit | Wei Yun | Deputy Director of the Expert Academic Committee of China Association of Metros , Chief Expert, Assistant Chief Engineer, Director of Technology Innovation Institute of Beijing Mass Transit Railway Operation Corp. Ltd. |
| 19:05-19:20 | Scientific and technological innovation and scientific popularization, together with two wings enable the development of new quality productivity of urban rail | Qu Siyuan | China Railway Shanghai Group Co.,Ltd. Senior Engineer |

III. Alumni exchange phase 2: Exploring and practicing new quality productivity in the urban rail enterprises
Guest reviewer: Gao Chunhai

| | | | |
|-------------|--|--------------|--|
| 19:20-19:35 | Exploring and practicing new quality productivity in the Nanjing metropolitan area rail transit | Wang Li | Member of the Party Committee & Director of Station Equipment Department, Nanjing Metro Construction Co., Ltd. |
| 19:35-19:50 | Empowering high-end equipment enterprises' new quality productivity through value and model innovation | Li Chunguang | Deputy General Manager of CRRC Nanjing Puzhen Co., Ltd. |
| 19:50-20:05 | Transformation and development of the electric rail transit industry in Shanghai- innovation and application of intelligent maintenance & operation and health management platform | Lu Xuezhong | Vice President of Shanghai Electric Automation Group Co., Ltd. |

论坛议程 /FORUM AGENDA

| DATE | TOPICS | SPEAKERS | UNIT&POSITION |
|--|---|--------------|---|
| 20:05-20:20 | Enable the planning and construction of Qingdao Metro’s intelligent operation and maintenance with new quality productivity | Ren Ling | Qingdao Metro Group Co.,Ltd Deputy Director |
| 20:20-20:35 | Practicing new quality productivity in green urban rail: Next-generation station energy-saving and environmental control system | Shi Heping | Chairman of Shanghai Jiacheng Corporation |
| 20:35-20:50 | Empowering new quality productivity through digitalized train control system | Yu Gongping | Director of Strategy and Marketing Department of Thales SEC Transportation System Limited Company |
| 20:50-21:05 | Thoughts on the Development of TOD and Its Relationship with New Quality Productivity | Zhu Xiaobing | Director of TOD Research Center of Southwest Jiaotong University |
| IV. Alumni roundtable discussion: “Voices on new quality productivity” | | | |
| Moderator | Wu Hao (Expert of the Youth Division of the Expert Academic Committee of China Association of Metros & General Manager of Beijing Smart City Network Co., Ltd.) | | |
| 21:05-21:25 | Group 1 discussion: Jiaotong University entrepreneurial alumni from four branches | | |
| 21:25-21:40 | Group 2 discussion: Jiaotong University representative engineers from four branches | | |
| V. Open exchange: “Conversing on new quality productivity” | | | |
| 21:40-22:00 | Open exchange and discussions | | |

“我看新质生产力” 第二届交大校友沙龙
——校友企业家、工程师畅谈新质生产力

*"My View of the New Quality Productive Forces" - 2nd Jiao Tong University Alumni Salon:
Alumni Entrepreneurs and Engineers Discussing the New Quality Productive Forces*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

宋敏华 / Song Minhua

中国城市轨道交通协会副会长兼秘书长

北京交通大学兼职教授、博士生导师

Vice President and Secretary-General of China Association of Metros

Part-time professor and doctoral supervisor of Beijing Jiaotong University and Tongji University



宋敏华，教授级高工，北京交通大学兼职教授、博士生导师，同济大学兼职教授。从事我国城轨交通规划、设计、管理工作 36 年。1983.7-1987.12 上海市隧道设计研究院；1987.12-1999.2 北京城建设计研究院；历任北京城建勘测设计研究院院长；北京城建设计研究总院院长；北京城建集团副总工程师；2011.10 至今 中国城市轨道交通协会副会长兼秘书长。

Song Minhua, Professor-level senior engineer, part-time professor and doctoral supervisor of Beijing Jiaotong University and Tongji University. Has been engaged in the planning, design and management of urban rail transit in China for 36 years. July 1983 - December 1987 Shanghai Tunnel Engineering & Rail Transit Design and Research Institute; December 1987 - February 1999 Beijing Urban Construction Design and Research Institute; Served as president of Beijing Urban Construction Exploration and Surveying Design Research Institute; President of Beijing Urban Construction Design and Research Institute; 2011.10- present Vice president and secretary-general of China Association of Metros.

“我看新质生产力” 第二届交大校友沙龙 ——校友企业家、工程师畅谈新质生产力

*"My View of the New Quality Productive Forces" - 2nd Jiao Tong University Alumni Salon:
Alumni Entrepreneurs and Engineers Discussing the New Quality Productive Forces*

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

郭雪萌 / Guo Xuemeng

交大校友总会秘书长、北京交大外联处处长

Secretary-General of Jiaotong University Alumni Association

Director of External Relations Office at Beijing Jiaotong University



郭雪萌，北京交通大学经济管理学院会计系教授、博导，学校对外联络合作处处长、TOD 研究院副院长。聚焦国家经济建设重大需求，紧密围绕交通运输领域，潜心于基础设施投融资、会计理论与方法等领域的学术研究，发表高水平论文 80 余篇，主持国家自然科学基金、国家发改委、世界银行等重大管理类课题 70 余项，出版 14 本教材与专著译著。坚持一线教学 31 年，主讲课程获批国家级一流本科课程、教育部全国首批一百门示范课、北京市课程思政示范课。荣获国家级教学成果一等奖、北京市教学成果一等奖、霍英东教育教学奖、宝钢优秀教师奖、北京市教学名师等。连续受聘为教育部高等学校会计专业教指委委员，在铁路及轨道交通领域专家学术组织中任职，在专业领域具有广泛影响和认可。

Guo Xuemeng, Professor and Ph.D. Supervisor in the Department of Accounting at School of Economics and Management, Beijing Jiaotong University, director of the Office of External Liaison and Cooperation & Vice Dean of the TOD Research Institute. Focused on the major needs of national economic construction, deeply involved in academic research in areas such as infrastructure financing, accounting theory and methods, with over 80 high-level published papers. Has led more than 70 major management projects funded by the National Natural Science Foundation, the National Development and Reform Commission, and the World Bank. Has published 14 textbooks and translated works. Has been teaching for 31 years and has been recognized as a national-level first-class undergraduate course, one of the first 100 demonstration courses approved by the Ministry of Education, and a model course for ideological and political education in Beijing. Has received the National Teaching Achievement Award, Beijing Municipal Teaching Achievement Award, Huo Yingdong Education and Teaching Award, Baosteel Excellent Teacher Award, and Beijing Municipal Teaching Master Award. Continuously appointed as a member of the Higher Education Accounting Professional Teaching Steering Committee of the Ministry of Education. Holds positions in expert academic organizations in the railway and rail transit fields and has wide-ranging influence and recognition in the professional field.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

郜春海 / Gao Chunhai

中国城市轨道交通协会副会长

北京交大城轨校友会会长

交控科技股份有限公司董事长

*Vice President of China Association of Metros,
President of Beijing Jiaotong University Rail Transit
Alumni Association & Traffic Control Technology Co., Ltd. Chairman*



郜春海，正高级工程师，交控科技股份有限公司（股票代码：688015）董事长，中国城市轨道交通协会副会长，中国上市公司协会副会长，轨道交通运行控制系统国家工程研究中心理事长。我国全自动无人驾驶技术的提出者和践行者，我国互联互通研究和示范的技术总牵头人，新一代智慧城轨的先行者。1993 年至今，一直从事轨道交通列车运行控制系统的科学研究与产业化工作，带领团队解决制约我国该领域几十年“卡脖子”问题，实现了中国轨道交通信号系统从“无”到“有”，再到逐步世界领先的华丽蜕变！荣获国家科技进步二等奖、北京市科学技术一等奖等多项科技奖项，被评选为国家级百千万人才、“万人计划”科技领军人才、全国劳动模范等，荣膺“中国地铁 50 年致敬人物”，享受国务院政府特殊津贴。

Gao Chunhai, Senior Engineer, Chairman of Traffic Control Technology Co., Ltd. (stock code: 688015), Vice President of China Association of Metros, Vice President of China Association for Public Companies & Chairman of the National Engineering Research Center for Rail Transit Operation Control System. The initiator and practitioner of China's fully automatic unmanned driving technology, the overall leader of research and demonstration on interconnection and intercommunication, and a pioneer of the new generation of intelligent urban rail. Since 1993, he has been engaged in scientific research and industrialization of train operation control systems for urban rail transit. Leading a team, he has solved the “bottleneck” problem that has constrained this field in China for decades, achieving a magnificent transformation from “no” to “existing” and gradually leading the world in China's rail transit signaling system! He has been awarded the National Science and Technology Progress Award (Second Class), Beijing Science and Technology Award (First Class), and other science and technology awards. He has been selected as a national-level talent and a leading figure in the “Ten Thousand Talents Program” for science and technology. He has been honored as a national model worker and recognized as one of the “50-year Tribute Figures in China's Subway”. He enjoys a special government allowance from the State Council.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

李元胜 / Li Yuansheng

中国城市轨道交通协会副秘书长、新闻发言人

北京交大城轨校友会副会长兼秘书长

Deputy Secretary-General of China Association of Metros, spokesperson

Vice President and Secretary-General of Beijing Jiaotong University Rail Transit Alumni Association



李元胜，中国城市轨道交通协会副秘书长、新闻发言人，《城市轨道交通》杂志社社长，《人民城轨》出版人，北京中城轨文化传播有限公司董事长，北京中城轨会展有限公司董事长，北京交大城轨校友会副会长兼秘书长。北京交通大学 EMBA，北京航空航天大学工学博士。

Li Yuansheng, Deputy secretary-general of China Association of Metros, spokesperson, president of China Metros magazine, publisher of People's Urban Rail, chairman of Beijing Zhongcheng Rail Culture Communication Co., Ltd., chairman of Beijing Zhongcheng Rail Cultural Communication Co., Ltd, Vice President and Secretary-General of Beijing Jiaotong University Rail Transit Alumni Association. EMBA from Beijing Jiaotong University, doctor of engineering from Beihang University.

魏运 / Wei Yun

中国城市轨道交通协会专家学术委副主任

北京市地铁运营有限公司首席专家，副总工程师，技术创新研究院院长

Deputy director of the Expert Academic Committee of China Association of Metros

Beijing Mass Transit Railway Operation Corp. Ltd.

Chief Expert, Assistant Chief Engineer, Director of Technology Innovation Institute



魏运，工学博士，教授级高工，博士生导师，享受国务院特殊津贴专家，现任北京市地铁运营有限公司首席专家、副总工程师，技术创新研究院院长，地铁运营安全保障技术北京市重点实验室主任。荣获“国家高层次人才计划”、“第二届科学探索奖”、“青年北京学者”等数十项荣誉。主持国家及省部级科研项目 10 余项，获省部级科研奖励 14 项，主 / 参编行业规范 6 部，出版专著 3 部，发表论文 70 余篇，获发明专利 26 项。

Dr. Wei Yun is the chief technology officer, vice chief engineer, and director of Technology Innovation Research Institute of Beijing Subway Operation Co., Limited. He is also the director of Beijing Key Laboratory of Subway Operation Safety Technology. He has been awarded dozens of honors such as "National High-level Personal of Special Support Program", "The Second X-Exploration Prize", "Young Beijing Scholars" and so on. He has presided over more than ten projects, won fourteen provincial and ministerial science and Technology Process Awards, including six first-class awards. He has compiled six specifications, published three books, applied for more than twenty invention patents, and published more than fifty papers in TRB, IEEE Transactions on Intelligent Transportation Systems, Science China, and other core journals.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

吴昊 / Wu Hao

中国城市轨道交通协会专家学术委青年学部专家

北京智慧城市网络有限公司总经理

*Expert of the Youth Division of the Expert Academic Committee of China Association of Metros
General Manager of Beijing Smart City Network Co., Ltd.*



吴昊，正高级工程师。北京智慧城市网络有限公司总经理，詹天佑铁道科学技术奖青年奖获得者，北京市轨道交通学会杰出青年人才，长期致力轨道交通核心技术及重大装备自主创新及应用，始终引领行业发展方向，参与提出并践行适合多专业系统协同重大工程的“政产学研用金”协同创新模式。作为城市轨道交通领域设备系统科研带头人，主持完成多项国家和省部级科技项目，提出并参与完成了区域轨道交通智能信息服务关键设备研制、代表世界领先水平的智慧城轨新一代智能列车一体化平台设备研制等核心装备，规划并组织实施北京轨道交通安全防范国内首个物联网示范工程、北京轨道交通冬奥支线智慧地铁示范线工程，形成“北京模式”。

Wu Hao, senior engineer. General Manager of Beijing Smart City Network Co., Ltd., winner of Zhan Tian You Railway Science and Technology Award Youth Award, outstanding young talent of Beijing Rail Transit Society; has long been committed to the independent innovation and application of the core technology and major equipment of rail transit, leading the development direction of the industry; participates in proposing and practicing the collaborative innovation model of "government, industry, university and research funds" suitable for major multi-professional system collaborative projects. As the scientific research leader of equipment system in the field of urban rail transit, he presided over the completion of a number of national, provincial and ministerial-level scientific and technological projects, proposed and participated in the completion of the development of key equipment for regional rail transit intelligent information services, and the development of core equipment such as the new generation of intelligent train integrated platform equipment for smart urban rail of world's leading level. He has also planned and organized the implementation of the first domestic Internet of Things demonstration project Beijing rail transit safety prevention, and the smart subway demonstration line project of the Beijing rail transit Winter Olympics branch line, forming a "Beijing model".

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

曲思源 / Qu Siyuan

中国铁路上海局集团有限公司正高级工程师

*China Railway Shanghai Group Co., Ltd.
Senior Engineer*



曲思源，正高级工程师，工学博士，长期从事铁路运输组织研究工作。围绕新质生产力的科技创新内涵，坚持理论和实践相结合，积极破解运输运能瓶颈，致力于高铁、普铁、城际和市域铁路运输组织，以及铁路物流管理、安全管控等领域的技术创新研究，均建立了比较完整的结构体系，多项成果在现场得到应用，提升繁忙区段通道能力效果显著。主持或参与各级科研课题 50 多项，获得省部级科技奖 6 项，省部级科普奖 2 项，铁路集团公司科技进步奖 10 余项，获实用专利 2 项、软著权 5 项，编写专著 40 余部。

Qu Siyuan, He is a senior engineer, Doctor of engineering, and has been engaged in research on railway transportation organization for a long time. Focusing on the connotation of scientific and technological innovation of New quality productive forces, adhering to the combination of theory and practice, and actively cracking the bottleneck of transportation capacity, it is committed to the research of technological innovation in the fields of high-speed railway, universal railway, intercity and municipal railway transportation organization, railway logistics management and security control, and has established a relatively complete structural system, and a number of achievements have been applied on the site. The effect of improving the busy section channel capacity is remarkable. Presided over or participated in more than 50 scientific research projects at all levels, won 6 provincial and ministerial science and technology awards, 2 provincial and ministerial science and technology awards, more than 10 Railway Group company science and technology progress awards, won 2 utility patents, 5 soft rights, and wrote more than 40 monographs.

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嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

汪理 / Wang Li

南京地铁建设有限责任公司党委委员、车站设备处处长

Nanjing Metro Construction Co., Ltd.

A member of the Party Committee & Director of Station Equipment Department



汪理，从南京地铁一号线设备系统总联调开始参与了南京 11 条通车线路和 9 条在建线路车站机电设备的项目管理工作。自参加工作以来 20 年一直从事城市轨道交通设备系统建设项目管理工作。工作期间两次作为牵头人荣获中国城市轨道交通协会科技进步奖。参与负责的 BT 项目 S1 号线机场线工程、宁句城际线等多条线路荣获国家优质工程奖、詹天佑大奖。

Wang Li, I have been involved in the project management of station electromechanical equipment for 11 operational lines and 9 under-construction lines in Nanjing since participating in the overall commissioning of the equipment system for Nanjing Metro Line 1. For the past 20 years, I have been engaged in project management work for urban rail transit equipment system construction. During my tenure, I have twice won the Science and Technology Progress Award of China Association of Metros as the team leader. The BT projects I have participated in and been responsible for, such as the S1 Airport Line and the Nanjing-Jurong Intercity Line, have won the National Quality Engineering Award and the Tien-yow Jeme Award.

李春广 / Li Chunguang

中车南京浦镇车辆有限公司副总经理

Deputy General Manager of CRRC Nanjing Puzhen Co., Ltd.



李春广，2003 年毕业于西南交通大学，毕业后入职南京浦镇车辆厂工作，2018 年 11 月至今，任中车南京浦镇车辆有限公司副总经理，正高级工程师，中车资深技术专家。牵头完成国内首列自主集成国产化地铁车辆工艺策划及试制工作，先后带领团队完成南京地铁 1 号线、国内首个无人驾驶上海地铁 10 号线、南京青奥项目等二十余个国内外地铁订单的车辆研制工作。获得专利 40 余项，发表 EI 文 1 篇，荣获南京高新区科技创新有功个人，南京市科学技术进步二等奖、江苏省科学技术二等奖，江苏机械工业科技进步奖四项。

Li Chunguang, Graduated from Southwest Jiaotong University in 2003, and joined CRRC Nanjing Puzhen Co., Ltd. after graduation; Served as the deputy general manager of CRRC Nanjing Puzhen Vehicle Co., Ltd. since November 2018; Senior engineer and senior technical expert of CRRC. Led the completion of the process planning and trial production of the first domestic self-integrated localized metro vehicle, and successively led the team to complete vehicle development work for subway orders of more than 20 domestic and foreign projects, including Nanjing Metro Line 1, Shanghai Metro Line 10 (the first driverless line in China), and the Nanjing Youth Olympic Project. Obtained more than 40 patents, published 1 EI article, won the Nanjing High-tech Zone Science and Technology Innovation Meritorious Individual, the second prize of Nanjing Science and Technology Progress Award, the second prize of Jiangsu Science and Technology Award, and four Jiangsu Machinery Industry Science and Technology Progress Awards.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

陆雪忠 / Lu Xuezhong

上海电气自动化集团有限公司副总裁

Vice President of Shanghai Electric Automation Group Co., Ltd.



陆雪忠，毕业于西安交通大学机械工程系，上海理工大学工程硕士，复旦大学工商管理硕士（MBA），上海国家会计学院高级工商管理硕士（EMBA），美国亚利桑那州立大学访问学者，教授级高级工程师。

拥有二十多年轨道交通行业经验，专业领域涉及车辆、牵引、信号、屏蔽门和轴承等关键设备、系统和零部件，以及中低运量轨道交通系统等，在行业内首创并推动轨道交通综合 & 智能维保（C&IMS）创新模式。

历任上海轨道交通设备发展有限公司屏蔽门工程公司总经理、上海联合滚动轴承有限公司总经理、上海自动化仪表股份有限公司副总经理、上海电气泰雷兹交通自动化系统有限公司副首席执行官（DCEO）。

2018 年起，先后担任上海电气集团轨道交通事业部副部长、自动化集团副总裁、轨道交通集团副总裁，上海轨道交通设备发展有限公司董事、总经理，上海阿尔斯通交通设备有限公司副董事长，上海电气智能交通科技有限公司董事长，上海申电通轨道交通科技有限公司副董事长等职务。

现任上海电气自动化集团有限公司副总裁、上海电气轨道交通集团副总裁，兼任上海市交通运输行业协会轨道交通专业委员会副主任委员、中运量专业委员会副主任委员。

Lu Xuezhong, Graduated from Mechanical Engineering Department of Xi'an Jiaotong University, Master of Engineering of University of Shanghai for Science and Technology (USST), MBA of Fudan University, Executive MBA of Shanghai National Accounting Institute (SNAI), Visiting scholar of Arizona State University, USA. Professor-level Senior Engineer.

He has more than 20 years of experience in the rail transit industry, specializing in key equipment, systems and components such as Vehicles, Traction, Signal System, Platform Screen Doors (PSD) and bearings, as well as medium and low volume rail transit systems etc., and has pioneered and promoted the innovative business mode of Comprehensive & Intelligent Maintenance System (C&IMS) in rail transit industry.

He has successively served as General Manager of Screen Door Engineering Company of Shanghai Rail Transit Equipment Development Co., Ltd., General Manager of Shanghai United Bearing Co., Ltd., Deputy General Manager of Shanghai Automation Instrument Co., Ltd., Deputy Chief Executive Officer (DCEO) of Shanghai Thales SEC Transport System Co., Ltd.

Since 2018, he has successively served as Deputy Director of Shanghai Electric Group's Rail Transit Business Department, Vice President of Shanghai Electric Automation Group & Rail Transit Group, Director and General Manager of Shanghai Rail Transit Equipment Development Co., Ltd., Vice Chairman of Shanghai Alstom Transport Co., Ltd., Chairman of Shanghai Electric Group Intelligent Transportation Technology Co., Ltd., Vice Chairman of Shanghai SDT Rail Transit Technology Co., Ltd.

He is currently Vice President of Shanghai Electric Automation Group Co., Ltd, Vice President of Shanghai Electric Rail Transit Group. He is also the Vice Chairman of the Rail Transit Professional Committee and the Vice Chairman of the Medium Volume Traffic Committee, Shanghai Transportation Trade Association (STTA).

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

任玲 / Ren Ling

青岛地铁集团设备技术部副部长

Qingdao Metro Group Co.,Ltd

Deputy director of the Equipment Department



任玲，2004年毕业于西南交通大学，高级工程师，青岛地铁集团设备部副部长，从事城轨设备系统技术管理工作20年。参与编《城轨交通信息化关键技术规范》等多项国标/行标；牵头编制《青岛市轨道交通自动售检票系统检测规程》等多部专著；牵头或参与的项目先后获得青岛市科技进步二等奖、山东省青年创新项目、山东省企业品牌创新成果一等奖、山东省智慧城市大数据创新应用技能大赛一等奖等多项荣誉称号，并拥有多项专利和知识产权。

Ren Ling, graduated from Southwest Jiaotong University in 2004, is a senior engineer and deputy director of the Equipment Department of Qingdao Metro Group. She has been engaged in the technical management of urban rail transit equipment for 20 years. She has participated in the compilation of several national and industry standards such as "Urban Rail Transit Information Technology Key Technology Specifications"; led the compilation of monographs such as "Qingdao Rail Transit Automatic Fare Collection System Inspection Regulations"; led or participated in projects that have successively won several honorary titles such as the second prize of Qingdao Science and Technology Progress, Shandong Province Youth Innovation Project, Shandong Province Enterprise Brand Innovation Achievement First Prize, and the first prize of Shandong Province Smart City Big Data Innovation Application Skills Competition, and has several patents and intellectual property rights.

史和平 / Shi Heping

上海嘉成轨道交通安全保障系统股份公司总裁

Shanghai Jiacheng Corporation President



史和平，上海嘉成轨道交通安全保障系统股份公司董事长。担任：上海市政协第十四届常委；中国城市轨道交通协会常务理事；上海市专精特新智能制造专业委员会副会长；北京交通大学校友会城市轨道交通行业分会副秘书长；苏州大学轨道交通学院客座教授。上海产业领军人才；上海市东方英才；常州市龙城英才。

Shi Heping, chairman of Shanghai Jiacheng Corporation. Titles and honors: Member of the 14th Standing Committee of the Shanghai CPPCC; Executive director of China Association of Metros; Vice president of Shanghai Association for Science and Tech; Vice president of Shanghai Specialized, Sophisticated, Distinctive, and Innovative Intelligent Manufacturing Professional Committee; Deputy secretary-general of Urban Rail Transit Industry Branch of Beijing Jiaotong University Alumni Association; Visiting professor of School of Rail Transportation, Soochow University; Shanghai Industry Leading Talents; Shanghai Oriental Talents; Changzhou City Talents.

嘉宾简介 / BIOGRAPHY OF THE SPEAKERS

余公平 / Yu Gongping

上海电气泰雷兹交通自动化系统有限公司战略及市场部总监

*Thales SEC Transportation System Limited Company
Director of Strategy and Marketing Department*



余公平，上海电气泰雷兹交通自动化系统有限公司战略及市场部总监，长期从事轨道交通信号系统的技术，项目管理及市场推广工作。曾担任上海电气泰雷兹南京机场线，广州十四号线及知识城支线，合肥4号线信号系统项目经理，丰富的信号系统技术及项目管理经验。

Yu Gongping, Director of Strategy and Marketing, Thales SEC Transportation System Limited Company, with extensive experience in rail transit signaling system technology, project management, and market promotion. Previously served as the project manager for Nanjing Airport Line undertaken by Thales SEC, Guangzhou Line 14, Knowledge City Branch Line, and signaling system for Hefei Line 4, possessing rich experience in signaling system technology and project management.

朱晓兵 / Zhu Xiaobing

西南交大 TOD 研究中心主任

Director of TOD Research Center of Southwest Jiaotong University



朱晓兵，从2003年起开始在中国内地探索实践TOD，至今已主持了全国逾30个城市城轨及铁路领域的一百多个TOD项目，其中包括多个具有创新性和开拓性的项目，不少已经落地建成。近年来，朱晓兵先生专注于城市和轨道交通全生命周期的高质量可持续发展，重点开展TOD城市战略、“T+TOD”投融资模式、政策法规与体制机制、一体化策划/规划/城市设计等咨询和TOD大数据研究，目前担任多个市/区政府和轨道交通公司的TOD总顾问及全流程顾问。曾参与城轨协会TOD标准编制和联合国轨道交通PPP标准拟定、担任中国市长协会会刊《中国市长》“TOD城市专栏”的编辑、参与《中国城轨TOD指数》研发编制。

Zhu Xiaobing, he has been exploring and practicing TOD in mainland China since 2003. So far, he has presided over more than 100 TOD projects in the field of urban rail and railways in more than 30 cities in China, including many innovative and pioneering projects. And many of these projects have been completed. In recent years, Zhu Xiaobing has focused on the high-quality sustainable development of the entire life cycle of urban and rail transit, focusing on TOD urban strategy, investment and financing model, policies, regulations and institutional mechanisms, integrated planning/planning/urban design, etc. Consulting of "T+TOD", and TOD big data research. He currently serves as TOD general consultant and full-process consultant at several city/district governments and rail companies. He has participated in the compilation of TOD standards of China Association of Metros and the formulation of the United Nations Rail Transit PPP standards, and participated in the research and development of the China Urban Rail TOD Index; He also serves as the editor of the "TOD City Column" of the journal China Mayors of the China Association of Mayors.



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