

2025年第三届智能轨道、 交通与运输工程国际会议

2025 3rd International Conference on SmartRail, Traffic and Transportation Engineering

Call For Papers

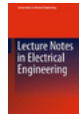
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The topics of interest include, but are not limited to:

- High-speed trains
- Straddle-type monorail vehicles
- Suspended monorail vehicles
- Track drainage
- Railway stations and yards
- Railway maintenance and rehabilitation
- Transportation system management
- Transit planning
- Travel characteristics
- Highway geometric design
- Automated transportation systems
- Emergency response systems

Publication

Registered and presented full papers will be included in the ICSTTE 2025 digital conference proceedings and published in the **Springer Book Series-Lecture Notes in Electrical Engineering (ISSN: 1876-1119)**, and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



Compendex on
Engineering Village

Scopus

Accepted and selected extended papers can be recommended to publish in the following journal: "*International Journal of Vehicle Systems Modelling and Testing*" (ISSN: 1745-6444).

Key Dates

Registration Due: October 17, 2025

Final Paper Submission Due: October 17, 2025

Main Conference: October 31-November 2, 2025

Submission

Online submission system

<https://cmt3.research.microsoft.com/ICSTTE2025>

Or scan the QR code



For paper template, please visit:

www.icstte.org/submit

Submission Guidelines

1. Language Requirement: The conference exclusively accepts manuscripts written in English. All submissions must be composed entirely in English.
2. Academic Integrity: Any form of plagiarism, copying, or improper citation is strictly prohibited. All manuscripts will undergo originality screening. Submissions suspected of plagiarism or serious academic misconduct will not be sent for review and may be summarily rejected.
3. Originality and Unpublished Status: Submitted manuscripts must represent original research findings. The content must not have been published previously in any domestic or international publicly available publication (including journals, books, etc.) or presented at any other academic conference (including predecessors or related conferences of this event).
4. Manuscript Length: The length of the manuscript's main body (including figures, tables, and references) shall be no fewer than 8 pages.
5. Formatting Specifications: Manuscripts must adhere strictly to the latest official paper template

Plenary Speakers



Rong Lin

China Transport Telecommunications & Information Center, China



Lixing Yang

Beijing Jiaotong University, China



Ping Li

China Academy of Railway Sciences Corporation Limited, China



Yujie Li

Beijing Subway Operation Co., Ltd., China



Sanjay Ranka

University of Florida, Gainesville, USA

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Feiyue Wang, Institute of Automation Chinese, Academy of Sciences, China

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Dewang Chen, Fujian University of Technology, China

Yanhui Wang, Beijing Jiaotong University, China

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Junhui Zhao, Beijing Jiaotong University, China

Lixing Yang, Beijing Jiaotong University, China

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Finance Chair

Yang Zhang, Fujian University of Technology, China

Local Chairs

Sijing Cai, Fujian University of Technology, China

Yuandong Chen, Fujian University of Technology, China

Conference Venue

Please visit: www.icstte.org/venue25 to learn the pick-up service

Astral Ocean International Hotel

Address: No.113, Longfeng East Road, Pingtan County, Fuzhou City, Fujian Province



Contact Us

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Special Sessions

Please visit: www.icstte.org/SSS for more information.

Session I - Intelligent Connected Vehicle and Cooperative Control

Chair: Jiankun Peng, Southeast University, China
Co-chair: Hailong Zhang, North University of China, China

Session III - Key Technologies in Structural Design, Dynamics, Strength, and Control for Rail Transit Vehicle-Track-Bridge Systems

Chair: Yongzhi Jiang, Chongqing Jiaotong University, China

Session V - Advanced Multi-Objective Optimization and Distributed Cooperative Control in Intelligent Transportation Networks

Chair: Cong Jin, Communication University of China, China
Co-chair: Ming Yan, Communication University of China, China

Session VII - Intelligent Operation Management for Rail Transit and Urban Transportation

Chair: Yu Wang, Dalian Jiaotong University, China
Co-chair: Chengbing Li, Inner Mongolia University, China

Session IX - AI-Empowered Transportation System Analysis, Management, and Control

Chair: Liang Zheng, Central South University, China
Co-chair: Ning Zhu, University of Science and Technology of China, China

Session XI - Application of Artificial Intelligence in Transportation System

Chair: Zhihong Li, Beijing University of Civil Engineering and Architecture, China
Co-chairs: Xianyu Wu, Beijing Jiaotong University, China
Deqi Chen, Northeast Forestry University, China

Session XIII - Human-Machine Integration for Train Operation Organization and Control in Rail Transit

Chair: Shukai Li, Beijing Jiaotong University, China
Co-chairs: Xi Wang, Beijing Jiaotong University, China

Session XV - Key Technologies of Large Language Models and Their Applications in the Field of Intelligent Transportation

Chair: Wenhong Tian, University of Electronic Science and Technology of China, China
Co-chairs: Yuanzhe Yao, University of Electronic Science and Technology of China, China
Jinyu Guo, University of Electronic Science and Technology of China, China

Session XVII - Intelligent Transportation and Energy

Chair: Jiangfeng Wang, Beijing Jiaotong University, China

Session XIX - Multimodal Transportation Coordination and Optimization under Disruptions

Chair: Yuanwen Lai, Fuzhou University, China
Co-chair: Mao Ye, Nanjing University of Science and Technology, China

Tracks

Please visit: www.icstte.org/tracks for more information.

Track I - Traffic Optimization in Intelligent and Connected Environments: Policy, Planning, and Operation

Chair: Zhenhua Mou, Shandong Jianzhu University, China
Co-chair: Hu Zhang, Shandong University of Technology, China

Track III - Green and Low-Carbon Smart Urban Multimodal Transportation Systems

Chair: Qingchang Lu, Chang'an University, China
Co-chair: Zhanyong Wang, Fujian Agriculture and Forestry University, China

Track V - Intelligent Governance and Resilience System for Urban Traffic

Chair: Shejun Deng, Yangzhou University, China
Co-chair: Jun Zhang, Yangzhou University, China

Track VII - Intelligent Transport Equipment Multi-Domain Collaborative Control and Perception Interaction

Chair: Huawei Wu, Hubei University of Arts and Science, China
Co-chair: Zhen Liu, Hubei University of Arts and Science, China

Track IX - Intelligent Assisted Driving Decision-Making and Human-Machine Interaction

Chair: Wei Xu, Shandong University of Science and Technology, China
Co-chair: Xiaohua Zhao, Beijing University Of Technology, China

Track XI - Research on Innovative Integration and High-Quality Development Paths for Railway Logistics in the New Era

Chair: Mi Gan, Southwest Jiaotong University, China
Co-chair: Yimeng Zhang, Southwest Jiaotong University, China

Fujian-Taiwan Transportation Forum

Please visit: www.icstte.org/FTTF for more information.

Chairs: Dewang Chen, Fujian University of Technology, China
Yingzhi Lv, Fujian University of Technology, China

Organizers



Co-organizers

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Technical Committee on Computational Intelligence and Its Applications, Chinese Association of Automation



中国自动化学会平行控制与管理专业委员会

Technical Committee on Parallel Control and Management, Chinese Association of Automation



Contact Us

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Session II - Key Technologies in Intelligent Rail Transit Equipment and Transportation Organization

Chair: Bingrong Miao, Southwest Jiaotong University, China
Co-chair: Bisheng He, Southwest Jiaotong University, China

Session IV - AI and LLM Applications in Maritime Transportation Research

Chair: Yanglong Sun, Jimei University, China
Co-chair: Peng Wang, Institute of Computing Technology, Chinese Academy of Sciences, China

Session VI - Artificial Transportation Systems and Simulations (ATSS)

Chair: Fenghua Zhu, Institute of Automation, Chinese Academy of Sciences, China
Co-chair: Chunlin Shang, Ludong University, China

Session VIII - AI, Expert Experience and Virtual Data Technology Innovation in Intelligent Transportation Control

Chair: Yunhu Huang, Minjiang University, China
Co-chair: Mingjian Fu, Fuzhou University, China
Yuandong Chen, Fujian University of Technology, China

Session X - Steel-UHPC Composite Bridge Deck Pavement

Chair: Xinpeng Wang, Qingdao University of Technology, China
Co-chair: Pan Wang, Qingdao University of Technology, China

Session XII - Data and Intelligent-Driven Transportation Management and Optimization

Chair: Wenhui Zhang, Northeast Forestry University, China
Co-chair: Xia Zhao, Beijing University of Civil Engineering and Architecture, China

Session XIV - Current Status and Challenges of the Integrated Development of Maglev Transportation Systems and Intelligent Monitoring

Chair: Jun Zheng, Southwest Jiaotong University, China
Co-chair: Zhiqiang Long, National University of Defense Technology, China

Session XVI - Integrated and Intelligent Scheduling and Dispatching of Railway Systems

Chair: Shuguang Zhan, Hefei University of Technology, China
Co-chair: Yongxiang Zhang, Southwest Jiaotong University, China

Session XVIII - Air-ground Integrated Intelligent Transportation Information Perception and Processing

Chair: Weifeng Liu, Shaanxi University of Science & Technology, China
Co-chair: Mei Xiao, Chang'an University, China

Track II - Intelligent Vehicle Energy Storage and Motion System Control

Chair: Yunlong Wang, Northeastern University, China
Co-chair: Yan Liu, Liaoning University of Technology, China

Track IV - Water Transportation and Information Security

Chair: Kui Yu, Chongqing Jiaotong University, China
Co-chair: Darong Huang, Anhui University, China

Track VI - Optimization of Driving Trust Transfer and Fault Takeover in Human-Machine Co-Driving Scenarios

Chair: Huimin Ge, Jiangsu University, China
Co-chair: Chuan Hu, Shanghai Jiao Tong University, China

Track VIII - Emergency Management and Passenger Flow Analysis of Urban Rail Transit

Chair: Yongyi Li, Nanjing Tech University, China
Co-chair: Zhenjun Zhu, Nanjing Forestry University, China

Track X - Intelligent and Sustainable Maritime Operations

Chair: Yongqiang Zhuo, Guangzhou Maritime University, China
Co-chair: Xinjian Wang, Dalian Maritime University, China

Track XII - Innovative Paradigms of Multimodal Transport Driven by Next-Generation Information Technology

Chair: Guangnian Xiao, Shanghai Maritime University, China
Co-chair: Jinpei Li, Beijing University of Chemical Technology, China

Young Scholars Forum

Please visit: www.icstte.org/YSF for more information.

Chairs: Bo Zhao, Beijing Normal University, China
Min Zhou, Beijing Jiaotong University, China