



IEEE ITSC 2022



Blockchain-based ITS: The Human Use of Cyber-Physical-Social Transportation Systems

The 25th IEEE International Conference on Intelligent Transportation Systems (IEEE ITSC 2022) is the annual flagship conference sponsored by the IEEE Intelligent Transportation Systems Society. IEEE ITSC 2022 welcomes articles and presentations in the areas of intelligent transportation systems and automated driving, conveying new advances and developments in theory, modeling, simulation, testing, case studies, as well as large-scale deployment. The conference particularly invites and encourages prospective authors to share their recent research work, findings, perspectives, and developments related to advanced blockchain-based intelligent transportation systems.

TOPICS OF INTEREST

The topics of interest include and but are not limited to the following:

- Blockchain-based ITS
- Advanced Road Transportation Management
- AI and Deep Learning in ITS
- Social Transportation
- Parallel Transportation Systems
- Traffic Theory for ITS
- Communication and Network in ITS
- Human Factors in ITS
- Management of Corner Events in ITS
- Air and Rail Traffic Management
- Security, Privacy and Safety Systems in ITS
- Intelligent Logistics
- Naturalistic Driving Datasets
- Connected and Automated Vehicles
- Parallel Driving and Parallel Testing
- Social Cognitive Autonomous Driving
- Safety of the Intended Functionality (SOTIF) in Automated Driving
- Advanced Vehicle Safety Systems
- Driver and Traveler Support Systems
- Smart Cockpits
- Shared Mobility
- Education in ITS
- Public Policy, Regulatory and Societal Issues in ITS
- New Trends in ITS

IMPORTANT DATES

- **February 15, 2022:** Proposal for special/tutorial/industrial sessions and workshops
- **March 1, 2022:** Paper submission for regular and special sessions
- **May 1, 2022:** Notification of paper acceptance
- **June 1, 2022:** Final paper submission

PAPER SUBMISSION

Regular paper submission:

Manuscripts should be submitted in PDF version electronically. Detailed instructions for submissions will be provided at the conference website: www.ieee-itsc2022.org.

Proposal submission for special sessions and workshops/tutorials/industrial sessions:

Proposals should include session information with organizers' short bios, along with authors' information and abstracts of five intended papers. Please contact us at: contact@ieee-itsc2022.org or visit the conference website.

CONFERENCE ORGANIZING COMMITTEE

General Chair

- Liang Liu, Macau University of Science and Technology, China

General Co-Chairs

- Kazuya Takeda, Nagoya University, Japan
- Lingxi Li, Indiana University-Purdue University Indianapolis, USA
- Miguel Angel Sotelo, University of Alcala, Spain
- Tianyou Chai, Northeast University, China
- Wei-Bin Zhang, University of California, Berkeley, USA

Program Chair

- Fei-Yue Wang, Institute of Automation, Chinese Academy of Sciences, China

Program Co-Chairs

- Chunzhao Guo, Toyota Research Institute, Inc., USA
- Dongpu Cao, Tsinghua University, China
- Fernando Garcia, Universidad Carlos III de Madrid, Spain
- Long Chen, Institute of Automation, Chinese Academy of Sciences, China
- Yaonan Wang, Hunan University, China

Conference Secretary-General

- Xiao Wang, Institute of Automation, Chinese Academy of Sciences, China

International Advisory Committee

- **Chair:** Nanning Zheng, Xi'an Jiaotong University, China
- Azim Eskandarian, Virginia Polytechnic Institute and State University, USA
- Cristina Olaverri Monreal, Johannes Kepler Universität Linz, Austria
- Christoph Stiller, Karlsruhe Institute of Technology, Germany
- Dajun Zeng, Institute of Automation, Chinese Academy of Sciences, China
- Liuqing Yang, University of Minnesota Twin Cities, USA
- Ljubo Vlacic, Griffith University, Australia
- Matthew Barth, University of California, Riverside, USA
- Naiqi Wu, Macau University of Science and Technology, China
- Petros Ioannou, University of Southern California, USA
- Ping Zhang, Beijing University of Posts and Telecommunications, China
- Weihua Gui, Central South University, China
- Wen Gao, Peking University, China
- Xinpin Yan, Wuhan University of Technology, China
- Yaobin Chen, Indiana University-Purdue University Indianapolis, USA

