



## 24<sup>th</sup> IEEE International Conference on Intelligent Transportation Systems (ITSC 2021)

Sponsored by the IEEE Intelligent Transportation Systems Society  
The Westin Indianapolis, Indiana, USA  
September 19-22, 2021  
Website: [2021.ieee-itsc.org](http://2021.ieee-itsc.org)

The 24th IEEE International Conference on Intelligent Transportation Systems (ITSC 2021) is the annual flagship conference sponsored by the IEEE Intelligent Transportation Systems Society. IEEE ITSC 2021 welcomes articles and presentations in the field of Intelligent Transportation Systems (ITS), conveying new developments in theory, analytical and numerical simulation and modeling, experimentation, advanced deployment and case studies. ITSC 2021 particularly invites and encourages prospective authors to share their recent work, findings, perspectives, and developments as related to implementation and deployment of advanced ITS applications.

### TOPICS OF INTEREST

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

- Advanced public transportation management
- Advanced transportation safety systems
- AI and deep learning in ITS
- Air, road, and rail traffic management
- Artificial transportation systems
- Behavioral modeling in ITS
- Connected and automated vehicles
- Cooperative driving technologies
- Cyber-physical-social systems for ITS
- Driver and traveler support systems
- Education in ITS
- Electrified transportation systems
- Human factors and HMI
- ITS field tests and implementation
- Management of incidents and evacuation
- Modeling, simulation, and detection of vulnerable road users and animals
- Naturalistic driving datasets and data analytics
- New trends in ITS
- Parallel learning and parallel systems
- Ports, waterways, and vessel traffic management
- Public policy, and regulatory and societal issues in ITS
- Security, privacy and safety systems
- Sensors, detectors and actuators in ITS
- Shared and smart mobility
- Traffic theory for ITS
- Transportation networks
- Vehicle localization and autonomous navigation
- Vision and environment perception
- V2X communications in ITS

### CONFERENCE ORGANIZING COMMITTEE

**General Chair:** Yaobin Chen

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### PAPER SUBMISSION

**Regular paper submission:** Complete manuscripts in PDF must be submitted electronically. Detailed instructions for authors will be provided at the conference website: [2021.ieee-itsc.org](http://2021.ieee-itsc.org).

**Proposal submission for special sessions and workshops/tutorials/industrial sessions:** Proposals should include a one-page summary of the session with authors' name, affiliation, title of the abstract with five extended abstracts (less than 1000 words). Please contact us at: [contact@2021.ieee-itsc.org](mailto:contact@2021.ieee-itsc.org) or visit the conference website if you have any questions.

### IMPORTANT DATES (More detailed information can be found on the conference website)

**February 15, 2021** – Proposal due for special sessions

**March 15, 2021** – Initial submission deadline for regular and special session papers

**March 31, 2021** – Proposal due for workshops/tutorials/industrial sessions

**June 1, 2021** – Notification of paper acceptance

**June 15, 2021** – Final paper submission deadline