



CICTP 2020-21



The 20th and 21st Joint CICTP Conference (CICTP 2020-21) - Xi'an, China, July 2-5, 2021

<http://www.cota-home.org/cictp/cictp2020-21.html>; <http://www.cota-home.org/>;
http://www.cota-home.org/CICTP_Default.html

The 20th and 21st joint COTA International Conference of Transportation Professionals (CICTP 2020-21) will be held July 2-5, 2021, in Xi'an, China, jointly organized by Chinese Overseas Transportation Association (COTA) and Chang'an University (CU). As the hosts and organizers of CICTP 2020-21, COTA and CU are pleased to invite submissions of original innovative research and practice from both researchers and practitioners. The CICTP 2020-21 will address pressing challenges and embrace opportunities emerging from the development of new technologies, including the pandemic impacts amid the development of COVID-19. The CICTP 2021 Full Paper Template is available at http://www.cota-home.org/CICTP/CICTP_2020/Author_Information.html. The format of the submission must be in compliance with the ASCE formatting requirements; otherwise, it may be rejected for review.

The conference will host a series of technical sessions, plenary sessions, and special forums, including the World Bank Forum, the Dean's Forum, COTA Career Development Forum for Young Scholars and Students and Transportation Studies Forum for International Students in China.

The best-paper awards and other professional awards will be granted to the authors of excellent papers or institutes/enterprises which have made outstanding contributions to the development of transportation systems in China.

Conference Theme: Advanced Transportation, Enhanced Connection

Advanced Transportation Information and Control Engineering:

- Transportation Optimization with V2X Applications
- Informatics and Advanced Control Technology for Connected and Automated Vehicles (CAVs)
- Advanced Traffic Signal Control and Cooperative Intersections
- Big Data Analytics and Applications in Real-time Traffic Management and Operations
- Advanced Information Technologies in Multimodal Transportation Systems
- Machine Learning and Artificial Intelligence Methods and Applications in Transportation
- Micro-mobility and Shared Economy in the New Digital Era

Vehicle Operation Engineering and Transportation System Management:

- Connected and Automated Vehicles (CV/AVs)
- Traffic Flow Theory and Network Modeling in the Mix of Human-Driven Vehicle (HDV) and CV/AVs
- Cooperative Operation and Management of CAVs and/or Automated Driving Systems (ADS)
- Green Transportation Energy and Eco-driving Management
- Transportation Emission, Environment and Sustainability
- Multimodal Integration and Interoperability with Transportation Automation

- Advanced Highway-Vehicle Cooperation and Management
- Smart Shared Mobility and Logistics
- Transportation and Regional Sustainable Development

Transportation Planning and Policy:

- Smart and Electrified Transportation Systems
- Transportation Infrastructure Investment in "Belt and Road" Areas
- International Transportation Cooperation in "Belt and Road" Areas
- International Intermodal Transportation Systems
- Transportation Policy, Planning and Management in the New Era
- Emerging Activity-based/Agent-Based Travel Demand Modeling Frameworks
- Sustainable and Intelligent Transportation Systems
- Public Transportation System Analysis and Management
- Future Transportation and Regional Development
- Alternative Eco-Transportation: Walking, Biking, Scooter, Transit and More

Transportation Behavior, Safety and Security:

- Travel Behavior and Activities
- Driving Behavior and Human Factors
- Data-driven Systemic Safety Analysis Methods and Crash Modeling
- Safety and/or Security Issues in CAV/ADS Environment
- Emergency Evacuation Behavior and Disaster Responses
- Social Behavior and Transportation Safety Culture
- Cyber-physical Transportation Systems

Highway and Railway Engineering:

- Intelligent Infrastructure
- Innovations in Pavement and Materials Engineering
- Advanced Highway Construction and Maintenance
- Railway Traffic, Subway Operations, and High-Speed Rail
- Bridges, Tunnels and other Transportation Structures
- Intelligent Transportation Asset Management
- Underground Transportation Construction and Operation
- Transport Geography, GIS and GPS
- CAV Impacts on Infrastructure
- Future Road Geometric Design

Critical Transportation Issues in Response to COVID-19:

- COVID-19 Impacts on Future Transportation
- Big Data Solutions and Applications under COVID-19
- Implications of Emerging Technologies in Response to COVID-19
- Travel Behavior and Travel Demand under COVID-19
- Household Transportation Behavior Adjustments and Adaptions to COVID-19
- Implications of COVID-19 to Transportation Infrastructure Design and Operation
- Remote Working and Telecommuting

Important Dates:

- October 10, 2020: Full Paper Submission Deadline
- November 10, 2020: Full Paper Acceptance Notification
- December 4, 2020: Revised Paper Submission Deadline
- December 7, 2020: Publication Fee Due

Proceedings and Publication

The CICTP 2020 proceedings will be published and also submitted for EI Compendex by ASCE. Selected papers may be invited to submit to high-profile journals including

- Transportation Research Part C
- Transportation Research Part D
- Journal of Intelligent Transportation Systems
- Journal of Advanced Transportation
- China Journal of Highway and Transport
- Journal of Traffic and Transportation Engineering
- Journal of Traffic and Transportation Engineering (English Edition)
- Urban Rail Transit