2020 INTERNATIONAL SYMPOSIUM ON TRANSPORTATION DATA AND MODELING (ISTDM)

Achieving Connected, Cooperative and Automated Mobility

University of Michigan, Ann Arbor, USA   June 24-26, 2020

ABOUT   ISTDM 2020 aims to gather transportation researchers and practitioners across the globe for exploring the frontiers of big data, modeling and simulation to advance transportation research to support the connected, cooperative and automated mobility. With a greater focus on emerging technologies, ISTDM 2020 rebrands the two long-standing transportation symposia: International Symposium of Transport Simulation (ISTS), and the International Workshop on Traffic Data Collection and its Standardization (IWTDCS). During the three-day conference, plenary sessions featuring renowned speakers and interactive breakout sessions will take place at University of Michigan in Ann Arbor, United States.

IMPORTANT DATES

-**Sep,15, 2019**   Abstract Submission **START**
-**Jan,05, 2020**   Abstract Submission **DUE**
-**Feb,15, 2020**   Notification of Acceptance

CALL FOR SUBMISSION

To present at this conference, an extended abstract (800-1200 words) should be submitted electronically via the conference website (please refer to the abstract submission guidelines on the website). Topics of interest include, but are not limited to:

A. DATA
- o Business analytics
- o Machine learning applications
- o Innovative data collection and processing
- o Data fusion
- o Data management and quality
- o Data-informed decision making

B. MODELLING AND SIMULATION
- o Demand modeling
- o Travel behaviors
- o Transportation network modeling
- o Traffic flow theory and operations
- o Traffic safety
- o Pedestrian modelling and simulation
- o Urban logistics/freight transportation
- o Environmental impacts and air quality

C. EMERGING MOBILITY TRENDS
- o Connected vehicles
- o Vehicle infrastructure integration
- o Implication of automated vehicles
- o Operations with mixed traffic
- o Electrification
- o Shared mobility
- o Emerging mobility services

ABOUT ANN ARBOR

Ann Arbor is considered to be one of the best college towns, one of Michigan's top cities, and one of the best places to live in the United States. Although geographically small, the City of Ann Arbor is known for its globally-inspired cultural offerings and an abundance of opportunities to enjoy arts and culture.

for more info visit www.visitannarbor.org

TRANSPORTATION

Detroit Metropolitan Wayne County Airport (DTW) is only 20 miles away from Ann Arbor, about a 30-45 minute drive. **DTW is a major international airport**, serving as one of the primary gateways to Asia and Europe for the eastern United States.

CONFIRMED KEYNOTE SPEAKERS

Dr. Chandra Bhat
University of Texas, Austin

Dr. Hai Yang
Hong Kong University of Science and Technology

Dr. Alexandre Bayen
University of California, Berkeley

Dr. Nikolas Geroliminis
École Polytechnique Fédérale de Lausanne

MORE INFO?

Visit the conference website at:

limos.engin.umich.edu/istdm2020

Chair of Organizing Committee:
Dr. Yafeng Yin, University of Michigan