



COTA WEBINAR 2022 SERIES

Future Directions on Machine Learning in Transportation

机器学习技术在交通领域中的展望与探讨

Machine learning provides increasing opportunities for advancing the designs and operations of future transportation systems. This webinar invites three distinguished speakers to share their recent research using novel machine learning techniques to solve transportation challenges. From the perspective of journal editors and chairs of academic committees, the speakers will also share their visions and suggestions in the panel discussion:

- How to select future research directions and suitable venues for publications
- How to actively involve and participate in activities in the relevant technical committees
- How to develop collaboration with industry partners

Speaker	Topic	EST Time
Dr. Jianming Ma	Opening Remarks	8:30 PM - 8:35 PM
Dr. Lili Du	Machine Learning Aided Transportation System Analysis, Management and Decision Making	8:35 PM - 9:00 PM
Dr. Zhiyuan Liu	A Data-driven Traffic Flow Model Based on Gaussian Process	9:00 PM - 9:25 PM
Dr. Lijun Sun	Low-rank Modeling for Spatiotemporal Mobility and Traffic Data	9:25 PM - 9:50 PM
Speakers and host	Panel Discussions on Publication, Committee Activities, and Industry Collaboration	9:50 PM - 10:20 PM



Dr. Lili Du

Associate Professor, University of Florida, USA
 Chair, ASCE-T&DI Artificial Intelligence in Transportation Committee
 Associate Editor, IEEE Transactions on Intelligent Transportation Systems



Dr. Zhiyuan Liu

Professor and Vice Dean, Southeast University, China
 Managing Editor, Multimodal Transportation
 Associate Editor, ASCE Journal of Transportation Engineering
 Associate Editor, IEEE Intelligent Transportation Systems Magazine



Dr. Lijun Sun

Assistant Professor, McGill University, Canada
 Associate Editor, Transportation Research Part C: Emerging Technologies
 Academic Editor, Journal of Advanced Transportation

COTA - Chinese Overseas Transportation Association



Host: Dr. Yang Liu

Organizing committee:

Dr. Jianming Ma

Dr. Yang Liu

Dr. Cong Chen

Dr. Haizhong Wang

Coordinator: Dr. Enhui Chen

EST Time: 30 June, 2022, 8:30 PM - 10:20 PM

Beijing Time: 1 July, 2022, 8:30 AM - 10:20 AM

Zoom Meeting ID: 851 4124 6426

Link: <https://us02web.zoom.us/j/85141246426?pwd=SWMvMnpKTCTtML1dyaEtXWStxRGQ5Zz09>

