



Call for Presenters

The 21st COTA Winter Symposium

Chinatown Room, Washington Marriott Marquis, Sunday, January 7, 2018

CONNECTED, AUTOMATED AND SUSTAINABLE MOBILITY

INTRODUCTION

By the end of 2017, the worldwide population reached 7.6 billion, heading to hit 1.1 billion vehicles by 2020. Urban mobility problems are rapidly turning into an urban mobility crisis. As cities become larger, traffic congestion and crashes, energy consumption, carbon emissions, and other forms of pollution are increasing, imposing huge costs on local and global economies and impacting citizens' quality of life and the environment.

To address these challenges, innovative tools and forward-looking strategies are required to ensure the sustainability, livability and resiliency of the multi-modal transportation systems. Among all the emerging strategies, connected and automated vehicles (CAVs) are one of the promising technologies bring positive impacts on the mobility, safety and reliability of our surface transportation network.

While the long-term benefits of CAVs are genuinely exciting, the route to true connected automation in transportation will likely be long and full of uncertainty. The precise impact of CAVs on individuals,

communities, industries, and workplaces is, as yet, unclear.

The 21st COTA Winter Symposium will discuss critical issues in technology deployment, research and education that promote a safe, sustainable, efficient, and equitable transportation system through emerging technologies and strategies such as connected automation. The Symposium is aimed to providing a forum for international transportation professionals to share their research results, project experiences, and lessons learned. Researchers, educators, practitioners, government officials are encouraged to participate in the Symposium.

SCOPE AND TOPICS

The symposium organizers are committed to bringing a high quality program to the symposium attendees. Presentation abstracts on any aspects of transportation research, education, and technology are eligible, and we particularly encourage abstracts that address issues in response to connected automation. We also welcome session proposals from interested individuals or

organizations. Examples include paper sessions, international exchanges, industry forum, and expert panels.

Priority topics include, but are not limited to:

- Connected and automated vehicles
- Other emerging technologies in transportation
- Energy and environment
- Freight transportation and logistics
- Intelligent transportation systems
- Land use & transportation planning
- Mobility as a service
- Multimodal transportation
- Non-motorized transportation
- Pricing and congestion management
- Public transportation
- Sharing mobility
- Smarter city Initiatives
- Traffic operations and control
- Traffic safety and human factors
- Transportation data analytics
- Transportation security

ABSTRACT & SESSION SUBMISSION

Presentation abstracts are limited to one page and must include title and speaker information (name, affiliation, mailing address, email, phone, and fax).

Session proposals should be limited to two pages including session themes and speakers. Abstracts and proposals should be written in English.

Deadline: Friday, December 15, 2017

Direct submissions and questions to: mjiming@gmail.com

SYMPOSIUM CHAIR

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Chinese Overseas Transportation Association

Companies and organizations interested in sponsoring the symposium and/or exhibition opportunities are encouraged to email the symposium organizers at mjiming@gmail.com.