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COTA International Symposium on Emerging Trends in Transportation
October 4~6, 2018
Hyatt Regency Waikiki Beach, Hawaii

CALL FOR PAPERS, SESSIONS, AND TALKS

Organized and sponsored by the Chinese Overseas Transportation Association (COTA), University of Hawaii, Transportation Research Board (TRB), and the American Society of Civil Engineers (ASCE), the inaugural 2018 COTA International Symposium on Emerging Trends in Transportation will be held at the Hyatt Regency Waikiki Beach, Hawaii on October 4~6, 2018. With a theme on Emerging Technologies for Future Mobility Systems, this Fall Symposium series is a new addition to the successful Summer CICTP Conferences and Winter TRB Workshops, organized by COTA and its partners annually for the past 18 years.

The Symposium aims to stimulate the exchange of ideas among transportation professionals in academia, industry, and government on emerging policy, technology, and innovation trends. The Symposium welcomes the submission of short papers for technical sessions, presentation abstracts for lightening talk sessions, and session/workshop proposals from all transportation professionals. While all paper, presentation, and session submissions on emerging trends in transportation are welcome, the 2018 Symposium will specifically focus on connected and automated vehicles (CAV), big data and data analytics, mobility as a service, shared mobility, smart cities, artificial intelligence and machine learning, smart infrastructure and asset management. Additional topics are also welcome and listed below.

- V2V/V2I sensing and communication
- Perception, control & decision making for AV
- Machine learning and data analysis
- Mobile device, GPS, LBS, social-media data
- Detection technologies for mobility monitoring, modeling, and simulation
- Control and management for smart mobility
- Cooperative traffic sensing
- Rideshare, ride-hailing, and shared mobility
- Innovation in logistics and freight delivery

- Multimodal transportation innovation
- Emerging rail transportation technologies
- Smart infrastructure and pavement
- Transportation demand management
- Integrated corridor management, active traffic management, and TSM&O technology
- Policy and planning for emerging technologies
- PPP and business model for deployment
- Transportation safety, resilience, and security

Manuscripts of no longer than 6 pages with single spacing, 1-inch margin, and Times New Roman 12-point font, and in Word or PDF format must be electronically submitted for peer-review. Lightning talk presenters should submit a short description (no more than 250 words) of their presentation topic. For more detailed paper, lightning talk, and session/workshop submission instructions, please visit the conference website at http://cota-home.org/2018_Fall_Sympsoium.

In addition to technical, lightning talk, and invited sessions, the Symposium will also feature renowned keynote speakers who are thought leaders in academia, industry and government (see conference website for an updated list of keynote speakers). The conference organization committee will also select best paper/presentation award and welcome nomination for Transportation Innovation Leadership Award.

Several career developments, funding opportunity, and technical training workshops will be offered to all attendees, including:

- NSF regular and CAREER proposal writing workshops offered by past program directors and past winners.
- Get federal funding for your research program with a focus on USDOT, UTC, NCHRP, FHWA, DOE, and State DOTs.
- Career development forum for transportation professionals in China.
- High-quality research article writing workshops offered by editors of top transportation research journals.
- Job fair for employers and students or professionals seeking career advancement.
- Technical training workshops on analysis, modeling and simulation tools, such as connected and automated vehicles, artificial intelligence and machine learning, emerging big data analytics, ABM-DTA, etc.

The symposium will also offer the following social and technical tours for additional learning and networking opportunities:

- Book reading club on the beach.
- Roof-top discussion on how to launch a successful startup for your technology.
- Technical tours of coastal transportation projects and infrastructure in Honolulu, Hawaii.
- Sunrise and sunset 5K group runs.
- Dinner groups at various local and ethnic restaurants.

The conference registration total will be limited to 100~150 attendees. With a smaller group of participants, the Symposium will create many intimate networking opportunities for interactions between senior and junior transportation professionals, and among academic, industry and government participants.

Important Dates

- Paper and Presentation Submission   June 11, 2018
- Workshop/Tutorial/Session Proposal Submission   June 25, 2018
- Notification of Acceptance   July 10, 2018
- Revised Paper Submission   August 1, 2018
- On-Site Registration and Conference Dates   October 4~6, 2018

Symposium Registration Fees

	Early Bird by 7/15	Advance Rates by 8/15	Late and On-Site Rates
Regular	$650	$700	$750
Student	$400	$450	$500

* All COTA members and members of COTA partner organizations will receive a $50 discount on the listed rates.

Contact symposium chair and secretary at: infor.cotaintersymposium@gmail.com