

TRB 97th Annual Meeting Washington, 7-11 January 2018

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Supported Events

The Transportation Research Board (TRB) 97th Annual Meeting will be held in Washington, D.C. at the Walter E. Washington Convention Center. The Conference attracts more than 13,000 transportation professionals from around the world to Washington, D.C., January 7-11, 2018.

The TRB Annual Meeting program covers all transportation modes, with more than 5,000 presentations in nearly 800 sessions and workshops, addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions. A number of sessions and workshops will focus on the **spotlight theme for the 2018 meeting: *Transportation: Moving the Economy of the Future.***

This year again ECTRI has contributed to the Conference by supporting a number of sessions and giving a European flavour to the Annual Meeting. With the event approaching, Jean-Paul Mizzi, ECTRI Vice-President, Prof. Ángel Aparicio, ECTRI-TRB MoU leader, and Caroline Alméras, ECTRI Secretary-General, would like to highlight these events where a number of ECTRI members will be participating.

Looking forward to seeing you there.

9:00 am – 12:00 pm, Convention Center – Room 152B

We Can Get There: Improving Accessibility and Creating Inclusive Cities Worldwide

Workshop 101

Presided by Sheila Mitra-Sarkar, Future Trans and Martine Micozzi, Global Impacts, LLC.

Sponsored by the Standing Committee on International Cooperation (A0010), the Standing Committee on Accessible Transportation and Mobility (ABE60), the Standing Committee on Women's Issues in Transportation (ABE70), the Standing Committee on Transportation in the Developing Countries (ABE90), the Standing Committee on Bicycle Transportation (ANF20), the Standing Committee on Paratransit (AP060), the Subcommittee on Mainstreaming Global Research and Multi-faceted Data Collection on Gender Issues in Transportation (ABE70 (2))

The new global urbanization agenda, as per United Nations, promotes inclusivity for all urban dwellers. This workshop is designed to bring together experts from academia, industry, government and non-profit sector gathered at the TRB Annual Meeting to explore major accessibility and inclusivity issues in modern urban environments. The goal of the workshop is to emphasize the essential role of transportation services and programs towards creating inclusive cities. The workshop will use deep-dive methods and breakout group sessions to identify, frame and brainstorm the ideas for creating urban systems that improve access to opportunities for all transportation users.

Angel Aparicio, Universidad Politecnica de Madrid and **ECTRI-TRB MoU Chair** will present at the **Breakout Session 1B: Addressing Accessibility Issues Outside of the United States.**

1:30 pm – 4:30 pm, Convention Center - Room 149

Decarbonizing Transportation for a Sustainable Future: Mitigating Impacts of the Changing Climate

Workshop 145

Presided by Steven Cliff, California Air Resources Board and Simon Edwards, Ricardo

Sponsored by the Committee on European-U.S. Transportation Research Symposia--Symposium #5: Climate Change Mitigation (A0099E), the Standing Committee on Transportation and Sustainability (ADD40) and the Standing Committee on International Cooperation (A0010)

The fifth annual U.S.–EU Transportation Research Symposium in May 2017, “Decarbonizing Transport for a Sustainable Future: Mitigating Impacts of the Changing Climate,” built on the concept of bilateral transportation research to mitigate the causes of climate change from the transportation sector. The findings of the symposium will be released at this workshop, and conversations and key elements will be highlighted.

1:30 pm – 4:30 pm, Convention Center - Room 151A

Mind the Gap: Can Inclusive Cities Bridge Social Equity Disparities

Workshop 149

Presided by Sheila Mitra-Sarkar, Future Trans, Florida Di Ciommo, CambioMo, Spain and Ariane Dupont-Kieffer, University of Paris

Sponsored by the Standing Committee on Women's Issues in Transportation (ABE70), the Standing Committee on International Cooperation (A0010), the Standing Committee on Traveler Behavior and Values (ADB10), the Subcommittee on Behavioral Processes: Qualitative and Quantitative Methods (ADB10(4)), the Standing Committee on Pedestrians (ANF10), the

Standing Committee on Bicycle Transportation (ANF20), and the ECTRI-TRB Subcommittee (A0010(3))

Transportation equity analysis is important in planning, which has significant equity impacts and equity concerns; however, transportation equity is difficult to evaluate because of the variety of types, impacts, measurement units, and categories of people to consider. A review of literature and research confirms that still little is known about specific needs of genders and their sociodemographics. Without an adequate understanding of 50% of the population, how can equity be measured accurately? An emphasis on inclusivity of cities creates a more supportive environment for discussions of equity, which often are footnotes or fine print and are not taken seriously. The event is co-sponsored by **ECTRI**.

7:00 pm – 8:30 pm, Convention Center - Ballroom South Prefunction A
International Participants Welcome Reception

Presided by G. Giannopoulos, Academy of Athens, W. Anderson, TRB Board, O. A. Elrahman, Rensselaer Polytechnic Institute (RPI)

Sponsored by Transurban and T.Y. Lin International Engineering

Hosted by the Standing Committee on International Cooperation (A0010) and the Executive Subcommittee on International Activities (E0004)

Co-hosted by ECTRI, PIARC, IRF Geneva, ITF and CHTS

ECTRI Vice-President J.-P. Mizzi and Secretary General C. Alméras will be glad to meet with ECTRI Members and others colleagues attending TRB at the occasion of the International Participants Welcome Reception. Introduction remarks will be done by N. Pederson, TRB Executive Director.

Monday, January 8th, 2018

8:00 am – 9:45 am, Convention Center - Room 152A

Transport Research and International Cooperation Prospects in East Asia: China, Japan, and Korea

Lectern Session 193

Presided by George Giannopoulos, Academy of Athens and O. A. Elrahman, Rensselaer Polytechnic Institute (RPI)

Sponsored by the Standing Committee on International Cooperation (A0010), the Subcommittee on Mainstreaming International Perspectives and Promoting International Networking, Cooperation, and Collaboration (A0010(1)), the Subcommittee on **ECTRI/**TRB Action Plan Review (A0010(4)), the Standing Committee on Conduct of Research (ABG10), the Subcommittee on Climate Change, Energy and Sustainability (AF000(1))

The focus is on the governmental systems and practices for transport research in these three countries, providing an overview of the inertia as well as the accelerants for relevant policies with respect to promoting technological change and international cooperation in the transportation research sector. For each of the countries examined, the speakers address the policies, the governance structures, the strengths and weaknesses of the current systems of publicly funded transport research, and the endogenous and exogenous factors motivating the development of international collaborative relationships between these Asian countries and others. The event is co-sponsored by **ECTRI**.

1:30 pm – 3:30 pm, Marriott Marquis - Room Independence C (M4)

ECTRI/TRB Action Plan Review Subcommittee, A0010(4)

Presided by A. Aparicio, Universidad Politecnica de Madrid

Sponsored by Standing Committee on International Cooperation (A0010), Subcommittee on ECTRI/TRB Action Plan Review (A0010(4))

The ECTRI-TRB MoU aims to support further exchanges between ECTRI Members and the US research community in view to foster progress in transport research activities.

An Action Plan which implements this MoU has been developed jointly by ECTRI and TRB management. The first part of the meeting will focus on reviewing 2017 Action Plan activities and planned actions for 2018 (A. Aparicio, C. Alméras) e.g. Joint sponsored event (e.g. ITF Research Day), Opportunities for twinning, Promote each other events (e.g. YRS2019), Webinars. The second part will be dedicated to sharing knowledge on automated driving' capabilities in EU and US, with the following presentations:

- Connected Automated Driving (CAD) capabilities in selected EU and US research institutions
From the US: UC Berkeley – Transportation Sustainability Research Center (Susan Shaheen) and Carnegie Mellon University, Traffic21 Institute and the T-SET and Mobility21 National University Transportation Centers (Stan Caldwell)
From the EU: IFSTTAR, France (Claude Marin-Lamellet), DLR, Germany (Barbara Lenz)
- Automated driving in the forecoming TRA Conference (Vienna, Austria, April 2018) (Martin Russ, AustriaTech)

The meeting of the Subcommittee on Mainstreaming International Perspectives and Promoting International Networking, Cooperation, and Collaboration Subcommittee, A0010(1) will follow in the same room from 3:30 – 5:30 focused on automated road freight transport, with presentation related to Automated Trucking and its Impact on the 3 Revolutions.

ECTRI Members and US colleagues are invited to attend and contribute to the discussion.

Tuesday, January 9th, 2018

8:00 am – 12:00 pm, Marriott Marquis - Independence C (M4)

International Cooperation Committee

Presided by O. A. Elrahman, Rensselaer Polytechnic Institute (RPI) and George Giannopoulos, Academy of Athens

Sponsored by the Standing Committee on International Cooperation (A0010)

This committee is concerned with the evolution of an international perspective in all facets of all modes of transportation within the scope of the Board. In consultation with staff and volunteer leaders, it shall advise the Executive Committee and Councils on specific actions that will help to achieve that perspective, including implementation of the specific actions approved by the TRB Executive Committee. The progress of ECTRI-TRB MoU Action Plan will be presented by Angel Aparicio.

3:45 pm – 5:30 pm, Marriott Marquis - Room Liberty I (M4)

Panel discussion on possibilities for developing & enhancing partnership between the EU and the US in transportation Research & Innovation

In cooperation with the TRB Standing Committee on International Cooperation, this event is organized by BILAT USA 4.0 Project, National Council of University Research Administrators (NCURA), and Georgia Tech Research Corporation (GTRC).

**ECTRI, The Leading European Research Association
For Sustainable and Multimodal Mobility**

www.ectri.org

This workshop aims to facilitate and support the research and innovation cooperation between the European Union and the U.S. A key focus area will be to foster academic and industrial EU-U.S. partnerships in the broad research area of transportation as well as illuminating potential funding opportunities for such collaborations. To that end, speakers will examine and discuss the following topics:

- Providing examples of US-EU collaborations in transportation research
- An overview of Horizon 2020, the EU's €77 billion research funding program, with specific focus on transportation-related calls
- How non-EU researchers can participate in the Horizon 2020's transport-related research programs
- U.S. funding opportunities for EU researchers, including any specific to transportation-related topics

This activity is funded by the H2020 funded BILAT USA 4.0 project.

Caroline Alméras (ECTRI SG) will participate as speaker and panelist in this session, together with Frank Smit (EC), Alasdair Cain (US DOT), Lily Elefteriadou (UFTI Director, University of Florida and CUTC Chair) and Jesse Szeto (NCURA Global).

6:00 pm – 8:00 pm, Marriott Marquis - Liberty P (M4)

Matchmaking Reception between European and U.S. Transportation Researchers

[by invitation only]

In cooperation with the TRB Standing Committee on International Cooperation, this event is organized by BILAT USA 4.0 Project, National Council of University Research Administrators (NCURA), and Georgia Tech Research Corporation (GTRC)

This By Invitation Only matchmaking Reception follows the Panel Discussion (previous event). It will help researchers and their research administrators to establish a new partnership and/or to strengthen existing partnerships for transportation-related topics like Transportation and Public Health, Transportation Resilience, Sustainability, Security, Transformational Technologies: Automated Vehicles, Transportation Technologies: Share Mobility, Transformational Technologies: Big Data, AI, Virtual Reality, Commercial Space, etc.

The above will be accompanied by European-themed food and drink in order to make it a festive and positive environment.

This activity is funded by the H2020 funded BILAT USA 4.0 project, and supported by ECTRI and CUTC. ECTRI Members participating to TRB will receive an invitation.