

15th WORLD CONFERENCE ON TRANSPORT RESEARCH (WCTR 2019)

26 – 31 May 2019, Mumbai, India

The World Conference on Transport Research (WCTR) is one of the biggest conferences in the transportation area. Organised every three years, under the authority of the WCTR society, this event brings together managers, policy analysts, advisers, operators and academics from the transport area.

The 15th World Conference on Transport Research was held at the Indian Institute of Technology (IIT) Bombay in India, from 26 to 31 May 2019. There were over 1,000 registrations of delegates, 65% of them international. IIT Bombay is one of the premier institutes in India, established for the development of technical education in the country, recognised worldwide as the leader in the field of engineering education and research. Reputed for the outstanding calibre of students graduating from its undergraduate and post-graduate programmes, the institute attracts the best students from the country for its bachelor's, master's and doctoral programmes. Research and academic programmes at IIT Bombay are driven by an outstanding faculty, many of whom are reputed for their research contributions internationally.

For the last 40 years, WCTR has been organised every three years by the WCTR Society (WCTRS). The conference aims to bring together academics, practitioners, managers, and policymakers from all parts of the world, to share the cutting-edge research and advanced state-of-practice. The conference also includes special sessions, technical tours, exhibitions and social events. This knowledge event provides a unique opportunity for experts to exchange ideas in all areas of transport research.

To facilitate the interchange of ideas between researchers working in the same area, WCTR has structured the topics into nine categories with a total of 35 session tracks. For many session tracks a close cooperation with partner journals was established, so

that the best papers from the review track would be published in the leading peer-reviewed transportation journals after the Conference. The Conference topics were as follows:

A. *Transport Modes: General* (A1 Air Transport and Airports, A2 Maritime Transport and Ports, A3 Rail Transport, A4 Road Transport – General)

B. *Freight Transport and Logistics* (B1 Logistics and Supply Chain Management, B2 Humanitarian Logistics in Disasters, B3 Intermodal Freight Transport, B4 Urban Goods Movement, B5 Freight Transport Modelling)

C. *Traffic Management, Operations, and Safety* (C1 Traffic Theory and Modelling, C2 Urban Transport Operations, C3 Intelligent Transport Systems, C4 Traffic Safety Analysis and Policy)

D. *Activity and Transport Demand* (D1 Data Collection and Processing Methods, D2 Travel Behaviour and Choice Modelling, D3 Applications of Travel Behaviour Analysis and Demand Modeling Approaches, D4 ICT, Activities, Time Use and Travel Demand)

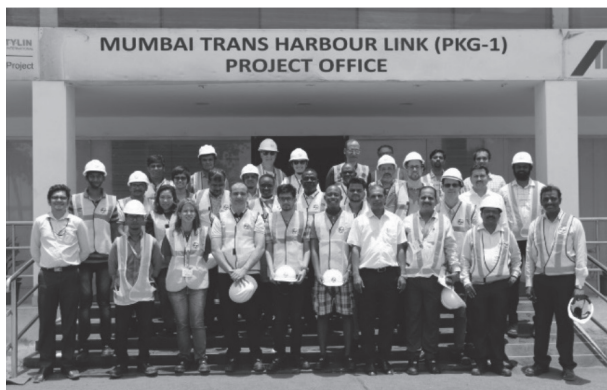
E. *Transport Economics and Finance* (E1 Transport System Analysis and Economic Evaluation, E2 Transport Pricing and Economic Regulation)

F. *Transport, Land Use, and Sustainability* (F1 Transport and Spatial Development, F2 Transport, Climate Change, and Clean Air, F3 Smart Transport, Smart City, and Quality of Life, F4 Liveability and Non-Motorized Transport, F5 Transport Noise and Vibration Control)

G. *Transport Planning and Policy* (G1 Governance and Decision-making Processes, G2 National and Regional Transport Planning and Policy, G3 Urban Transport Planning and Policy, G4 Cultural and Social Issues in Transport, G5 Disaster Resilience in Transport, G6 Health Impacts of Transport)

H. *Transport in Developing and Emerging Countries* (H1 Transport Policy, Planning, and Financing in Developing Countries, H2 Infrastructure Operation and Traffic Management in Developing Countries, H5 Urban Transport in Developing Countries)

I. *Infrastructure Design and Maintenance* (I1 Highway Design and Materials, I2 Infrastructure Management)



Technical visit to Mumbai Trans Harbour Link



Prize and award winners at the Closing Ceremony of the WCTR2019

The WCTRS Young Researcher's Conference is a one-day conference which was held on the first day of the Conference. Dedicated to the next generation of professionals and experts, the WCTR-Y aims to bring together PhD students, post-doctoral fellows and young researchers, to highlight their work and achievements, giving them the opportunity to play a part in the scientific progress, to discuss new research developments and foster the exchange of ideas in the field of transportation studies. WCTRS-Y is being organised with the sole aim of encouraging young researchers to get a hands-on experience in the working of the society, to interact and learn from their seniors, and renovate the society with their stimulating thoughts.

Technical Visits took place on 30 and 31 May and included visits to: Mumbai Metro One, Coastal Road Project, Mumbai Nagpur Super Communication

Expressway, Navi Mumbai International Airport, Colaba – Seepz Underground Metro Rail Line and Mumbai Trans Harbour Link.

At the Closing ceremony that took place on 30th of May, the authors received Prizes and Awards for the best papers.

The next 16th World Conference on Transport Research (WCTR 2022) will be held at CIRRELT (The Centre Interuniversitaire de Recherche sur les Reseaux d'Entreprise, la Logistique et le Transport) in Montreal, Canada in 2022.

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