



# World Conference on Transport Research Society

NEWSLETTER

April 2018

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## President's Address

It is my great pleasure to report here progress of the WCTRS activities.



**Upcoming WCTR Mumbai 2019:** When authors will choose a SIG Session Track together with the SIG's partner Journal when submitting review track papers into CMS (Conference Management System), A or B ranked papers in the conference review are automatically sent to the publication review for chosen official/partner journal. The list of partner journals will be fixed and shown on CMS on 1 July in advance to the deadline, 6 July 2018, for review track papers.

**Research Organisational Membership (ROM):** Research institutions, laboratories and universities are all eligible to become a WCTRS ROM. Paying 8 individual membership fees gives double merits; a) 10 individual membership rights including registration to WCTR Mumbai at member discount rate, and b) the names and logos of ROMs will appear in the WCTR Society website and the conferences.

**A third WCTRS official journal and a new research centre as outcomes of the WCTR Shanghai:** The third WCTRS official journal is being developed covering the areas of transport engineering and traffic operation, an area currently not covered by our existing journals of *Transport Policy* and *Case Studies on Transport Policy*. At the same time the *World Transport Research Centre in Shanghai* is being established. These initiatives are both financially supported by Tongji University, the host of the 2016 WCTR in Shanghai, and are jointly operated with the WCTRS. This new model of conference outcome is expected to be inherited to IIT-Bombay and the future conferences.

**SIG collaborative outreach to society:** I have signed on MOU with the World Bank (Division of Transportation and ICT) to launch a new joint initiative to promote Sustainable Mobility for All (SUM4All) in Africa as well as the promotion of capacity building in African universities. SIG H1 – Transport Policy, Planning and Financing in Developing Countries (Chair Shinya Hanaoka) is the promoter in WCTRS side.

The recent outreaching activities by other SIGs include side events at the International Transport Forum (SIG G1 – Governance and Decision – making Processes (2017), SIG C4 – Traffic Safety Analysis and Policy (2018)) and that at COP23 (F2: Transport and Climate Change), which is a tradition since COP15 in Copenhagen. SIG F5: Noise and Vibration (Chair: Nasim Akhtal & Kirti Bhandari), one of the newly approved SIGs, held a conference at the Central Road Research Institute, Delhi, India, which covered a wide range of topics. The conference highlighted excellent collaboration between research and noise and IT industries.

Any positive and critical comments or proposals are most welcome. Members' messages to the secretariat are highly appreciated.

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## 15th World Conference on Transport Research 26 – 31 May 2019, Mumbai, India



Prof. Tavasszy  
Chair, WCTR Scientific Committee

### SAVE THE DATE

The 15th WCTR will be held on the main campus of the Indian Institute of Technology Bombay, India, from 26-31 May 2019. IIT Bombay is one of the premier institutes for technical education and research in the country.

For the last 40 years, WCTR has been organized every three years by the WCTR society. The conference aims to bring together academicians, practitioners, managers, and policymakers from all parts of the world, for sharing cutting-edge research and advanced state-of-practice. The 2016 conference in Shanghai attracted more than 1200 scholars and professionals from 70 countries around the world. Over 800 papers were presented. The WCTR includes special sessions, technical tours, exhibition, social event etc. This knowledge event provides a unique opportunity for experts to exchange ideas in all areas of transport research. Topic areas include the following (see the website):

- Long Distance Modes (especially Air, Maritime, Rail)
- Freight Transport and Logistics
- Traffic Management, Operations, and Control
- Activity and Transport Demand
- Transport Economics and Finance
- Transport, Land Use, and Sustainability
- Transport Planning and Policy

- Transport in Developing and Emerging Countries
- Infrastructure Design and Maintenance

A special side-event on the first day of the conference is the WCTRS-Y. Its sole aim is to allow young researchers (those under 35 years of age and researchers, who completed their PhD less than four years before the conference) to obtain hands-on experience in the running of a conference, to interact and learn from their seniors, and to rejuvenate the society with stimulating thoughts.

Limited Bursaries will be available for participants from developing countries.

**The Call for Papers is out and the deadline for the review papers is the 6<sup>th</sup> July 2018. Non-review papers will be accepted until 26<sup>th</sup> October 2018.**



## **WCTRS-Y (Young Researchers' Initiative) – Third Edition Mumbai 2019**



Last November, the World Conference on Transport Research Society (WCTRS) was delighted to re-launch the Young Researchers' Initiative (Third Edition), with a substantial increase in the amount of grants available, which now total \$22,500 USD. The closing date was 28th February 2018 and applications were invited for the following activities:

- Activity 1: organising a one day conference
- Activity 2: grants for PhD students
- Activity 3: managing an online facility and social media communication

A significant number of applications were received for each of the three activities. Our selection panel has carefully reviewed every application and a shortlist of finalists has now been forwarded to the WCTRS Steering Committee for their approval. The aim is to complete the process by 30 April. Results will be announced as soon as possible after that date, and in any event, by no later than Saturday 5 May 2018.

For a full overview of The Young Researchers' Initiative, please visit <http://www.wctrs-society.com/wctrs-y-initiative/>

**WCTRS at COP23**

The President of WCTRS, Yoshitsugu Hayashi and co-chairs of SIG F2, Wei-Shiuen Ng and Karl Peet participated and held multiple coordination and planning roles in the 23rd session of the Conference of the Parties (COP 23) to the United Nations Convention on Climate Change (UNFCCC) in Bonn. President Hayashi represented the research community and participated as a panelist in the "Policy Making and Target Setting for the Transport Sector" session on the Marrakech Partnership for Global Climate Action (MP-GCA) Transport Thematic Day organized by the International Transport Forum (ITF), a WCTRS partner, and Paris Process on Mobility and Climate (PPMC), as well as the International Union of Railways (UIC) and International Association of Public Transport (UITP). With a projection of growing transport demand, the goals of the Paris Agreement cannot be reached without significant reductions in transport emissions. Setting emission reduction targets is the first step to a decarbonising transport development pathway.

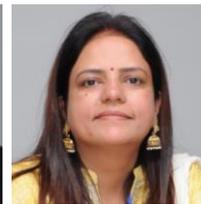
Daily transport related reports from COP23 can be found here <http://www.ppmc-transport.org/cop23>

## WCTRS Special Interest Groups

### SIG F5 - Transport noise and vibration control



Dr Akhtar  
Chair



Dr Bhandari  
Co-Chair

This new Special Interest Group which has been established recently in WCTRS is chaired by Dr Nasim Akhtar. This group held its first meeting in CSIR Central Road Research Institute, New Delhi. This event was the 2nd Conference on Transport Noise and Abatement Measures (CTNAM – 2018) held on 15 -16 February 2018. This conference was supported by the World Conference on Transport Research Society (WCTRS) and the European Noise Barrier Federation (ENBF).

The program began with the welcome address of Prof Satish Chandra, Director CRRRI. It was followed by the keynote speech of Giovanni Brero, President ENBF and the second keynote speech by Prof Yoshitsugu Hayashi, President WCTRS. A total of 6 sessions were included in the program. These were Traffic Noise Modelling and Mapping, Noise Standards and Guidelines, National and International case studies, Health impacts and Noise Barrier Design. In all, approximately 200 delegates attended the conference. The final session was the panel discussion and way forward. This session was chaired by Prof Satish Chandra, Director CRRRI. The panelists in this session included Prof Yoshitsugu Hayashi, President WCTRS, Giovanni Brero (President ENBF, Italy), Reinhard Kohlhauer (Kohlhauer, Germany), Peter Seelman (Evonic, Austria), Giovanni Cucco (Evonic, Austria), Dr Nasim Akhtar (Principal Scientist, CSIR-CRRRI) and Dr Kirti Bhandari (Principal Scientist, CSIR-CRRRI).

Various industry partners were invited to participate in the exhibition. The companies who have participated in the conference and displayed their products were:

- Metalmeccanica Fracasso India Pvt Ltd, Mumbai, India
- Plexiglas Evonic, Gurgaon, Harayana, India
- Saraswati Plastic, Jammu, India
- Technocrat Kohlhauer Pvt Ltd, Mumbai, India
- Llyod Insulation, New Delhi, India
- Rockwool India, New Delhi



### **SIG B5 – Freight Transport Modelling**

Prof. Dr. Hanno Friedrich, Kühne Logistics University

SIG B5 met in September at the 3rd Interdisciplinary Conference on Production, Logistics and Traffic (ICPLT), September 25th–26th 2017, Darmstadt, Germany

Organised by TU Darmstadt in collaboration with TU Dortmund, the 3rd ICPLT took place in Darmstadt during 25th and 26th of September 2017. The conference brought together more than 90 people from academia, industry, and government, including numerous WCTRS members such as Lóránt Tavasszy (keynote speaker), Manfred Boltze, Ralf Elbert (Chair SIG B3) (both Chairmen of the Scientific Committee) and several other participants. In addition to the many interesting discussions and presentations on production, logistics and traffic, a workshop of the WCTRS Special Interest Group B5 “Freight Transport Modelling” was hosted by Hanno Friedrich. Further details about the conference, including the extended abstracts, can be found on the ICPLT webpage (<http://icplt.org/>).

### **SIG A2 – Maritime Transport and Ports**

On 2 - 4 May 2018 , SIG A2 will host a conference at University of Antwerp on 'The Port and Maritime Sector: Key Developments and Challenges'. From the 170 abstracts received, a selection will be made for parallel sessions of presentations in the field of maritime, port or hinterland economics, environmental issues, maritime engineering, investment and finance, cost optimisation, chain optimisation, human resources and employment and legal issues. Registration for the conference will open early 2018. On 2 May, the conference will be preceded by a visit to the Port of Antwerp. More information is available on the webpage ([www.wctrs-maritime-ports.org](http://www.wctrs-maritime-ports.org))



Prof. Vanelander  
University of Antwerp

## SIG G1 – Governance and Decision-making Processes

Prof. Greg Marsden, University of Leeds

In May 2017 the SIG G1 ran a research day in conjunction with the International Transport Forum on Governing the Smart Mobility Transition and a special session at the ITF Summit on Scenarios and the Smart Mobility Transition. The event brought together around 50 people from academia, industry, government and the third sector. A book bringing together the highlights from the Summit activities has been commissioned and should be in print in early 2018.

Full details of the event, including presentations slides, summary of key findings, slides from scenarios exercise and write up summarising key points from the panel discussion can be found on SIG G1 webpage (<http://www.wctrs-society.com/special-interest-groups/topic-area-g-transport-planning-and-policy/>)



For 2018, the themes of safety and security will be at the heart of the **ITF Forum**. WCTRS will again be at the heart of the Research Day. The efforts will be co-ordinated by Geetam Tiwari and Wael Alhajayseen in their role as co-chairs of **SIG C4: Traffic Safety Analysis and Policy**.

## SIG H1 – Transport Policy, Planning and Financing in Developing Countries

On 12 January 2018, Prof. Yoshitsugu Hayashi (President of WCTRS), Prof. Lóri Tavasszy (Chair of Scientific Committee) and Prof. Shinya Hanaoka (Chair of SIG H1) participated in the session "Promoting Research and the African Universities Network" at *Transforming Transportation* annually organized by World Bank at the headquarter in Washington, D.C. The agenda is available on the webpage ([www.transformingtransportation.org/agenda](http://www.transformingtransportation.org/agenda)). Prof. Hayashi gave a keynote speech for sustainable transport, and Prof. Hayashi and Prof. Tavasszy discussed data sharing, research needs and the joint research possibility in Sub-Saharan Africa as the panelist of the session.



Prof. Hanaoka  
Tokyo Institute  
of Technology

At the end of the session, WCTRS, World Bank, World Resource Institute, University of Dar es Salaam (Tanzania), University of Nairobi (Kenya), Institut National Polytechnique Felix Houphouet-Boigny (Ivory Coast), University of Johannesburg (South Africa) and Cheikh Anta Diop University (Senegal) agreed to future collaboration and signed a Letter of Intent for Scientific Cooperation with African Universities in Research and Capacity Building in the Transport Sector.

### **SIG F1 – Transport and Spatial Development**

Professor Masanobu Kii, Kagawa University

Three papers have been published following activities of SIG F1. These have been published in "Computers, Environment and Urban Systems". The papers will be grouped in a "virtual special issue" that will be published on the webpage of the journal. SIG F1 are currently planning the next meetings in 2018. More information will be announced soon.

### **SIG D1 – Data Collection and Processing Methods**

Dr Patrick Bonnel, ENTPE

The first francophone conference on transport and mobility (Rencontres Francophones Transport-Mobilité - RFTM) will be held in Lyon on 6-8 June 2018. All the details are at <https://rftm2018.sciencesconf.org/>

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## **From the WCTRS Secretariat**

### **Leeds welcomes STC and SCC for mid year meetings**

Greg Marsden, Secretary General WCTRS

The Institute for Transport Studies was delighted to welcome many members of the Scientific and Steering Committee to Leeds for the first time for a mid-year meeting. Discussions to advance the scientific preparation for the next conference in Mumbai in 2019, to widen society membership and planning for the 2022 conference were amongst the items discussed.

On the Saturday, members of the SCC and STC visited the historic city of York. The group visited the Museum Gardens, whose highlight is the ruined St Mary's Abbey (seen also in the group photo taken on the day), the remains of a Roman gateway and the world famous York Minster, the largest gothic cathedral in northern Europe. The group walked along York's medieval City Walls and visited the recently rediscovered Barley Hall and the National Railway Museum. The group was led by Professor Tony May.



## **WCTRS Adopts Gender Equality Action Plan**

The Society has always embraced diversity, having a range of members from 52 different countries. However, in line with the transport sector more generally, the Society has been heavily dominated by male participants. At the Shanghai 2016 conference 29% of participants were female and this looks set to increase. However, the Committees that run the society are not representative of this. The Society has therefore adopted a new plan to ensure that the organisation not only reflects the composition of its membership but seeks to lead and promote greater gender diversity.

At the 2019 conference there will be a rotation of positions on the Scientific Committee and on the Steering Committee. The goal has been set to achieve a 40% female representation on these committees and to review progress following the conference. In line with OECD good practice there is a commitment to avoid single gender panels wherever possible. To make this aim a reality requires our Special Interest Groups to put the message out that WCTRS is open to everyone and to ensure that we also attract the best women to join in the work of the society. We think this is a major step forward and an important addition to our commitment to be truly international in our outlook and research interests.

**WCTRS Publicity Sub-Committee Chair: Maria Attard**  
**Newsletter Coordinator: Masanobu Kii**

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