



WORLD  
CONFERENCE ON  
TRANSPORT  
RESEARCH  
SOCIETY

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### Useful Information and links

1. **Publications by SIG A4- Handbook on High-Speed Rail and Quality of Life and Frontiers in High-Speed Rail Development**

Both books are free to download.



Montreal is ready for the 16th WCTR!



Prof. Martin Trépanier



Prof. Catherine Morency

The vibrant metropolis of the French-speaking province of Quebec is happy to welcome you at the next WCTR from **July 17<sup>th</sup> to 21<sup>st</sup> in Montreal, Québec, Canada**. The local organizing team, headed by **Prof. Catherine Morency** and **Prof. Martin Trépanier**, is working hard to prepare the event that will occur at the Palais des congrès, right in the middle of downtown, near Old Montreal. The event is hosted by the Interuniversity Research Centre on Enterprise Networks, Logistics and Transport (CIRRELT), a 120-professors collective.

The conference will welcome more than 1,000 people from 70+ countries, participating in 200 sessions gathering 800+ presentations and more than 75 special sessions covering the topics of the 31 Special Interest Groups. This conference is also

For details: [Click Here](#)

**2. A new Transport Research and Education Network to help ESCAP member States achieve sustainable transport**

For details: [Click Here](#)

**3. Call for Abstracts – 14th Research Symposium of Urban Mobility India Conference cum Exhibition**

**Theme:** Integrated and Resilient Urban Transport

For details: [Click Here](#)

**4. Call for Extended Abstract for The Industry Track Presentation-7<sup>th</sup> Conference of Transportation Research Group of India (CTRG-2023)**

For details: [Click Here](#)

**5. SITRASS event on the economics of transport for development in Africa (in French language)**

**Theme:** L'économie des transports au service du développement en Afrique

**When:** June 26- July 21, 2023

For Details: [Click Here](#)

**6. Clean Air Asia National Coordinator Advert**

**Theme:** Clean Air Asia is looking for National Coordinators based in

a unique opportunity to exchange in the 50+ meetings that will be organized during the venue. Our plenary sessions will be held by world-class researchers: **Prof. Eric Miller**, renowned transport planning leader from University of Toronto, **Prof. Benoît Montreuil**, key logistics expert from Georgia Tech and **Prof. Foutse Khohm**, an IA specialist from Polytechnique Montréal. There will also plenary sessions held for each Topic Areas.

Do not miss the Monday's welcome cocktail on top of the Palais and the Thursday night gala evening (separate tickets must be purchased for this event), featuring local artists and cuisine. There will also be technical visits of Montreal's key transport facilities. Participants will receive a transit pass for the week to enhance their mobility across the city, as the Palais sits on top of a subway station.

**The Montreal's WCTR is an event not to be missed!**

For all details please visit: <http://wctr2023.ca>.

*Prof. Martin Trépanier, Polytechnique Montréal, Canada. Chair, Local Organizing Committee*

*Prof. Catherine Morency, Polytechnique Montréal, Canada. Local Conference President*

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## Register for Montreal 2023

The **World Conference on Transport Research Society (WCTRS)** is happy to announce that the World Conference will be held from **July 17 - 21** in **Montréal** (Québec, Canada) at the **Palais des Congrès**. Submissions are now closed for the conference. We have received a total of 1123 submissions.

Register now! The registration will include a public transport pass for the whole week. We request that participants prepare for their trip, especially if they need a visa to travel to Montreal, as summer is a busy season in Montreal.

### Program Overview

selected Asian countries who will support Clean Air Asia's initiative to reduce emissions from the maritime transport sector  
For Details: [Click Here](#)

**7. Special Issue of Transportation Research Part A: Policy and Practice on "Resilience of Transportation systems under uncertainty"**

For details: [Click Here](#)  
Paper submission deadline: **August 31, 2023**

**8. Special Issue of Transportation Research Part D: Transport and Environment on "Emerging Solutions and Policies for Transportation Electrification"**

For details: [Click Here](#)  
Paper submission deadline: **September 30, 2023**

**WCTRS society journals**



[Transport Policy](#)

	<b>Monday 17 July</b>	<b>Tuesday 18 July</b>	<b>Wednesday 19 July</b>	<b>Thursday 20 July</b>	<b>Friday 21 July</b>
08:30 - 10:10	Tech. visits + WCTRS-Y	Opening Ceremony	Sessions	Sessions	Sessions
10:10 - 10:30	<i>WCTRS-Y Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30 - 12:10	Tech. visits + WCTRS-Y	Plenary	Sessions	Sessions	Closing Ceremony
12:10 - 13:30	<i>WCTRS-Y Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
13:30 - 15:10	Tech. visits + WCTRS-Y	Sessions	General Assembly	Sessions	Tech. Visits
15:10 - 15:30	<i>WCTRS-Y Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
15:30 - 17:10	Tech. visits + WCTRS-Y	Sessions	Sessions	Sessions	Tech. Visits
Evening	<b>Welcome Reception</b>		<b>Gala</b>		

We are looking forward to meeting you in Montreal!

Website: <http://www.wctr2023.ca/>

**Keynote Speakers for Montreal 2023**

**FRQ-IVADO Research Chair on Software Quality Assurance for Machine Learning Applications, Polytechnique Montréal**



**Prof. Foutse Khohm**

He received a Ph.D in Software Engineering from the University of Montreal in 2011, with the Award of Excellence. He also received a CS-Can/Info-Can Outstanding Young Computer Science Researcher Prize for 2019. His research interests include software maintenance and evolution, machine learning systems engineering, cloud engineering, and dependable and trustworthy ML/AI. His work has received three ten-year Most Influential Paper (MIP) Awards, and six Best/Distinguished paper Awards. He initiated and co-organized the Software Engineering for Machine Learning Applications (SEMLA) symposium and the RELENG (Release Engineering) workshop series.



[Case Studies in Transport Policy](#)

**WCTRS book series**

For details, visit: [link](#)

Find us on



**Wish to become a member of WCTRS?**

[Click here](#)

Visit us on

<https://www.wctrs-society.com/>  
<https://wctr2022.ca/>

Email to us at



**Editorial team of WCTRS  
Research Newsletter**

**Editor**



**Prof. Eric Miller**

**Director of the University of Toronto  
Transportation Research Institute (UTTRI),  
University of Toronto**

Professor Eric Miller is a pioneer in the development and application of agent-based microsimulation model systems in large urban contexts. As director of the University of Toronto Transportation Research Institute (UTTRI), his research is centered in the implementation of activity-based travel models for use in operational practice. This includes the development of integrated transportation-land use models that permit the analysis of the two-way interaction between transportation systems and urban form. His work serves to improve urban transportation best practices and policy decision-making and, thereby improves the quality of life in urban settings.

**Coca-Cola Material Handling & Distribution Chair and Professor and Co-Director Supply Chain & Logistics Institute, Georgia Tech**



**Prof. Benoit  
Montreuil**

Prof. Benoit Montreuil is the Coca-Cola Material Handling & Distribution Chair and Professor in the H. Milton Stewart School of Industrial and Systems Engineering at Georgia Tech. He is also Director of the Physical Internet Center and Co-Director of the Supply Chain & Logistics Institute. Dr. Montreuil is leading the International Physical Internet Initiative, engaging academic, industry and government leaders worldwide into research and innovation projects on smart, hyperconnected and sustainable logistics, supply chains, transportation, businesses and regions. His main research interests generically lie in developing concepts, methodologies and technologies for creating, optimizing, transforming and enabling businesses, supply chains and value creation networks to thrive in a fast evolving hyperconnected world.

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## Recruitment for An Associate Editor With A Focus on Traffic Engineering and Modelling

**Transportation Planning and Technology (Taylor & Francis)** is currently recruiting for an **Associate Editor with a focus on traffic engineering and modelling**. This role



**Prof. Dr. Ashish Verma,**  
*IISc Sustainable  
Transportation Lab (IST  
Lab), IISc Bangalore, India*  
[ashishv@iisc.ac.in](mailto:ashishv@iisc.ac.in)

#### Assistant Editor



**Mr. Aitichya Chandra,**  
*PhD Scholar, IST Lab,  
IISc Bangalore, India*  
[aitichyac@iisc.ac.in](mailto:aitichyac@iisc.ac.in)

is a great opportunity for an academic with a strong research background in this area who has the commitment, drive and ability to help develop the Journal.

Becoming the Associate Editor of a journal is a rewarding and fulfilling experience where you have the opportunity to build your own networks, develop and promote the research in your field, and be recognized as a leading figure within the academic community. As part of this role, you will be responsible for the oversight and administration of a rigorous and proper peer review process on a selection of submissions to the Journal that delivers content of suitable scope and quality within an agreed publication timeframe.

More information on the role and instructions on how to apply can be found [here](#):

**The deadline for applications is Friday, 9<sup>th</sup> June 2023.**

If you have any questions or would like to discuss the role further, please contact the Editor in Chief, Simon Blainey, at: [S.P.Blainey@soton.ac.uk](mailto:S.P.Blainey@soton.ac.uk).

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## SIG B3 Freight Transport Operations and Intermodality - Updates



**Prof. Ralf Elbert**

The demand for transportation is at an all-time high. In this context, freight transport is especially affected. A contradictory picture is emerging: an increased demand for transport requires more traffic, but at the same time, these transports should be as climate-neutral as possible and adhere to schedules and result in no delays. These demands are requested to be met regardless of what happens in the world. However, transportation and supply chains are not immune to external influences and disruptions, and are required to adapt to continue to function.

With this in mind, SIG B3, which focuses on “**Freight Transport Operations and Intermodality**”, has been collaborating with the North-American Transportation

Research Board's "Intermodal Freight Transport" Committee (AT045) for a joint Special Session at the WCTR 2023 in Montréal, Canada in July 2023. Together with AT045 members Dr. Heather Monteiro (Western Carolina Research) and Eric Shen (Shen and Associates, LLC and University of California), in this Special Session, we will look at intermodal freight transport, the challenges of climate change and geopolitical developments on freight transport in general and the need for resilient supply chains.

With invited talks and paper presentations, we will be consolidating the [findings of the Joint Session](#) hosted by SIG B3 and AT045 at the WCTRS Virtual Meet in 2022, where we looked at the role that freight transport can play to avoid emissions, and extending these to include new perspectives on intermodal transport. We are looking forward to the event and to meeting everyone in Montréal in July!

*Prof. Ralf Elbert, University of Darmstadt, Germany. Chair, SIG B3.*

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## Topic Area C Webinar: Traffic Signal Coordination Principles and Timing Development - An International Perspective



**Dr. Zong Tian**

The IHE Middle East Branch hosted a joint technical webinar by Dr. Zong Tian in association with Topic Area C of the WCTRS on Wednesday 5th April 2023.

This presentation focused on discussing traffic signal coordination practices in various parts of the world. Traffic signal coordination has proven to be one of the most cost-effective traffic management strategies to minimize travel delay, vehicle stops, and related fuel consumption and green-house emissions. Some basic signal control concepts were introduced, including the two primary signal phasing schemes, the NEMA in North America and stage structure used in most other countries. The signal coordination principles were described, including key signal timing parameters such as cycle length, splits, offset, and phase sequence. Signal coordination under both fixed time and actuated control were discussed. Case

examples were presented to illustrate different practices in various parts of the world!

More details: [Click here](#)

*Dr. Zong Tian, University of Nevada Reno, USA. Topic Area Manager (TAM) for Area C*

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## Membership of the WCTRS



The WCTRS is the only international society in transportation with a truly global network, bringing together over 1000 members from 67 countries to advance and exchange ideas and research across the transport sector.

Members connect through the Society's triannual World Conference, which provides a rich forum to present and discuss the latest in transport research and practice, and through the activities of the Society's Task Forces and 33 Special Interest Groups, each of which represents a specific area of interest and inquiry. Members under 35 years old are additionally invited to participate in the Young Researcher's Initiative activities, which include a one-day event at the World Conference where young researchers can present their work and take advantage of networking opportunities and discussions on career development.

As well as being able to access this global network through Society events and our exclusive membership database to make contacts and further research collaborations, WCTRS members also benefit from the Society's partnerships with other prominent transport organisations, such as the International Transport Forum, the Eastern Asia Society for Transportation Studies, and the Partnership on Sustainable, Low Carbon Transport. WCTRS and its partners exchange news and details of events, jobs, and publication opportunities and make this information available to members. All WCTRS members can obtain free online membership to the Society's two journals, [Transport Policy](#) and [Case Studies in Transport Research](#), and have the opportunity to propose titles for publication in the WCTRS and Elsevier Transportation Book Series.

From academics, practitioners, and students to interested individuals, everyone is invited to join the Society and take part in its activities. Transport Organisations who wish to support the Society can apply for Supporting Organisational Membership to

access a number of promotional opportunities and memberships for up to two individuals.

### **WCTRS Membership - Free for 2022/2023**

**We are excited to share the decision of the Steering Committee that membership for WCTRS will be free of charge from July 2022 to mid-July 2023. Normally the period of membership is three years, running between our main conference. However, with Covid and the postponement of the Montreal face to face event to 2023 we will extend existing members' membership for one year. There will be no need to fill out any forms to extend membership, but we will shortly be in touch with final details in case anyone wishes to opt out.**

**We have announced the opportunity for non-members to join the society free for this coming year in the run up to Montreal. We hope this will be a great opportunity for more people to get involved in the Society and we will value your support in promoting this. More details will follow shortly.**

When: July 2022 to mid-July 2023

Further Information: On the [WCTRS website](#)

If you have any questions about membership, do not hesitate to contact the [WCTRS Secretary](#).

*Prof. Greg Marsden, University of Leeds, WCTRS Secretary-General*

## **WCTRS RESEARCH NEWSLETTER**

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