

Note: All times are in GMT. The British Summer Time (BST) is GMT + 1  
 VANCOUVER: GMT-7 / MONTREAL: GMT-4 / LONDON: GMT+1 / PARIS: GMT+2 / DUBAI: GMT+4 / MUMBAI: GMT+5:30 / SHANGHAI: GMT+8 / TOKYO: GMT + 9 / SYDNEY: GMT + 10

## WCTRS 2022 Virtual Meet Schedule

Day 1: July 24					
Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
10:00 PM to 11:30 PM	WCTRS	<b>Opening ceremony</b>	Videos and presentations	Catherine Morency & Martin Trépanier	Catherine Morency, conference chair Martin Trépanier, LOC chair and director of CIRRELT LOC members will present their research Videos from dignitaries will welcome participants + further details for the 2023 conference (Q & A)

Day 2: July 25					
Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
9:00 AM to 11:30 AM	A5 Road Transport - General	Electric Mobility	Oral presentations	Gopal R. Patil and P. Vedagiri	Mr. Vikram Bhalerao, Maharashtra Pollution Control Board ; Prof. P. Vedagiri, IIT Bombay
11:30 AM to 1:00 PM	WCTRS	<b>Opening ceremony</b>	Videos and presentations	Catherine Morency & Martin Trépanier	Catherine Morency, conference chair Martin Trépanier, LOC chair and director of CIRRELT LOC members will present their research Videos from dignitaries will welcome participants + further details for the 2023 conference (Q & A)

12:00 to 1:30 PM	B1 Supply Chain Management	Supply Chain Management Post COVID-19	Oral presentations & discussions	Aseem Kinra, Kun Wang	<p>The session will feature invited presentations on the current global supply chain challenges, and the logistics and supply chain innovations and new logistics paradigms that are required for future resilient and sustainable supply chain systems.</p> <p>12:00 - 12:10 Welcome and Introduction (Aseem Kinra, Professor for Global Supply Chain Management, Uni Bremen and Vice-chair for SIG B1)</p> <p>12:10 - 12:35 "Moving towards resilient supply chains. An outlook on future networks driven by recent economic shocks" (Prof. Dr. Leif Meier, Professor for Business Informatics, especially Supply Chain Management, WH)</p> <p>12:35 - 13:00 "Dynamic, Stochastic, and Coordinated Optimization for Synchromodal Transport Planning" (Dr. Wenjing Guo, Assistant Professor, WUT)</p> <p>13:00 - 13:25 "Logistics Innovation in a post pandemic world - identified priorities and how to make real impacts" (Dr. Yanying Li, Head of Programmes and Knowledge Management, ALICE)</p> <p>13:25 - 13:30 Closing remarks and future agenda of the SIG (Aseem Kinra)</p>
2:00 PM to 3:30 PM	WCTRS-Y	Young transport academics' career development		Laetitia Dablanc	
2:00 PM to 5:00 PM	G2 National and Regional Transport Planning and Policy	1) Ensuring sustainable mobility in urban periphery, rural areas and remote regions / 2) COVID-19 Government Response to Support Public Transport	Oral presentations & panel discussion	Guenter Emebrger, Yacan Wang, Takeru Shibayama	<p>1) Ensuring sustainable mobility in urban periphery, rural areas and remote regions (14:00 - 15:20)</p> <p>14:00 - 14:10 Welcome and Introduction (Guenter Emebrger, Takeru Shibayama)</p> <p>14:10 - 14:30 Summary of SIG G2 Mid-term Event 2021 (Takeru Shibayama)</p> <p>14:30 - 15:20 Panel Discussion: future research agenda towards sustainale mobility in urban periphery, rural areas and remote regions</p> <p>2) COVID-19 Government Response to Support Public Transport (15:40 - 17:00)</p> <p>15:40 - 15:50 Welcome and Introduction (Takeru Shibayama)</p> <p>15:50 - 16:05 Responses in Belgium (Sara Tori, Alice de Séjournet, Cathy Macharis)</p> <p>16:05 - 16:20 Responses in South Korea (Daun Yun)</p> <p>16:20 - 16:35 Responses in Italy (Silvio Nocera, Francesco Bruzzone, Federico Cavallaro)</p> <p>16:35 - 16:50 Responses in Germany/Austria (Leo Kostka)</p> <p>16:50 - 17:00 Wrap up</p>

4:00 PM to 5:30 PM	C1 Traffic Theory and Modelling/Optimization and Traffic Flow	Tests and Applications of Connected and Automated Vehicles	Oral presentations and discussions	Qianwen Li; Ziling Zeng	<p>GMT 4-4:05: Introduction by Dr. Xiaopeng Li and Dr. Xiaobo Qu</p> <p>GMT 4:05-4:25: Automation and connectivity of electric vehicles: Energy boon or bane? (Tsinghua University, Xiaobo Qu)</p> <p>GMT 4:25-4:45: On the role of connected and automated vehicles in managing emergency events (Chalmers University of Technology, Jiamin Wu)</p> <p>GMT 4:45-5:05: Developing an Open-Source Cosimulation Tool To Support Cooperative Driving Automation (CDA) Research (Ledios, Zhitong Huang)</p> <p>GMT 5:05-5:25: City of Madison Connected Corridor: Multi-Agency CV Research and Demonstration (University of Wisconsin-Madison, Andi Bill and Steven Parker)</p> <p>GMT 5:25-5:30: Ending remark by Dr. Xiaopeng Li and Dr. Xiaobo Qu</p>
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**Day 3: July 26**

Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
12:00 AM to 2:00 AM	C2 Urban Transport operations	Global Practices on Road Traffic Signal Control - Arterial Coordination under Actuated Control	Oral presentations and discussions	Keshuang TANG; Zong TIAN	<p>WCTRS SIGC2 Summer Session: Global Practices on Road Traffic Signal Control - Arterial Coordination under Actuated Control</p> <p>12:00 AM to 02:00 AM (GMT), 26 July, 2022</p> <p>12:00-12:10 Opening Remarks and Introduction of Invited Speakers Keshuang Tang, Professor, Tongji University, China.</p> <p>12:10-12:30 Presentation #1 Phasing Schemes in Switzerland - A Look at Common Practice with International Control Models Comparison Thomas Riedel, Manager, Adaptive Traffic Control AG and Verkehrs-Systeme AG, Switzerland.</p> <p>12:30-12:50 Presentation #2 Actuated Signal Control - A Top-down View Wuping Xin, Chief Technical Officer and Executive Director, KLD Engineering, P.C., United States.</p> <p>12:50-01:10 Presentation #3 Signal Coordination Principles and Timing Development - An International Perspective Zong Tian, Professor, University of Nevada, Reno, United States.</p> <p>01:10-01:30 Presentation #4 Coordination for Public Transport, Bicycles and More - Synergies or Conflicting Interests? Axel Wolfermann, Professor, Darmstadt University of Applied Sciences, Germany.</p> <p>01:30-01:50 Presentation #5 Multiple-objective Optimization of Traffic Signals with Connected Vehicles Wanjing Ma, Professor, Tongji University, China.</p> <p>01:50-02:00 Open Discussions Moderator: Zong Tian, Professor, University of Nevada, Reno, United States.</p> <p>02:00 Closing Zong Tian, Professor, University of Nevada, Reno, United States.</p>

1:00 AM to 2:30 AM	H1 Transport Policy, Planning and Financing in Developing Countries	Recent Transport Policy in Developing Countries	Oral presentations and discussions	Shinya Hanaoka	<p>1.Elton Fernandes (Federal University of Rio de Janeiro, Brazil) Tourism and air transport in emerging countries: The case of Brazil</p> <p>2.Madan B. Regmi (United Nations Economic and Social Commission for Asia and the Pacific, Thailand) Planning for sustainable, inclusive and resilient public transport systems in Asian cities</p> <p>3.Tomoyoshi Suzuki (Japan International Cooperation Agency, Japan) Unequal impact of pandemic on transport modes in a para-transit dominant city, Kampala</p> <p>4.Ashish Verma (Indian Institute of Science, India) Assessing impact of pedestrianizing a busy street in terms of Quality of Life</p>
8:00 AM to 10:00 AM	H2 - Africa	Infrastructure and Complexity - Africa's Transport in Green and Digital World Unfolding	Oral Presentation and Discussions	Ashish Verma and Fred Amonya	<p>SIG: H2-Africa Date: July 26th Time: 0800-1000Hr GMT Title: Infrastructure and Complexity - Africa's Transport in the Green and Digital World Unfolding Convenor: FD Amonya, Lyciar Speaker: L Varga, UCL SIG Lead: A Verma, IISc Bangalore</p> <p>The population of SSA is approximately 1.2 billion. And approximately 40% is below 14. The OECD is approximately 1.4 billion. And approximately 18% is below 14. That demographic surge hitting Africa will be digital. And it will be green. What transport will they want? Are we providing for them in the decisions we make today?</p> <p>To address the questions above, we must peer into the space of transport and consider the interaction of the state, market, and society. We must appreciate the thread that will knit the children of today as they become individuals in the wider commons - as they join the electoral register, obtain driving permits, and as they become shareholders and directors. In a typical African country, the dynamics is in the order <math>10^7</math> (tens of millions of nodes). In our traditional analysis, we reduce the dynamics to two (at most three) nodes. We are Newtonian. We continually seek to linearise, even when confronting unsteady states. However, the <math>10^7</math> order poses a new challenge. It asks us to use complexity science.</p> <p>Agenda</p> <p>0800-0805Hr - Prof. A Verma: Welcome and introduction of WCRTS 0805-0810Hr – Dr FD Amonya: Introduces the topic and the speaker 0810-0840Hr – Prof. L Varga: Discusses Infrastructure and Complexity 0840-0955Hr – Open discussion moderated by Dr FD Amonya 0955-1000Hr – Closing comment by Prof. A Verma</p>

9:00 AM to 10:30 AM	D1 Data Collection and Processing Methods	Advances in Data Collection and Processing Methods	Oral presentations and discussions	Caroline BAYART	
2:00 PM to 3:30 PM	A1 Air Transport and Airports	Decarbonising the Air Transport System	Panel	Chika Miyoshi	1400-1410: Opening notes: Professor Tae Oum, 1410-1430 Presentation: The Industry's Long Term Aspirational Goal (LTAG) by IATA Ms Yue Huang, Manager, Environment & Sustainability IATA 1430-1500 Presentation: Professor Anming Zhang: Assessing CO2 emissions of high-speed rail in China: Considering modal shifts and traffic generation effect" 1515-1550: Panel discussion: decarbonising the air transport: different challenges according to the region and countries, Panel members: Professor Anming Zhang, Ms Yue Huang (IATA), and Professor Achim Czerny, 1550-1600: Closing remarks: Professor Martin Dresner
	H2 Infrastructure Operation and Traffic Management in Developing Countries	Disaster Resilient Transport in Developing Economies	Oral presentations and discussions	Ashish Verma	WCTRS Virtual Meet 2022 Special Session of WCTRS-SIG H2 (Infrastructure Operation and Traffic Management in Developing Countries) on "Disaster Resilient Transport in Developing Economies" Scheduled on 26th July 2022 between 2:00 pm to 3:30 pm GMT Detailed agenda Session Moderated by Prof. Ashish Verma, IISc Bangalore, India 2:00 pm to 2:05 pm – Welcome and Introduction to the session and speakers by Prof. Ashish Verma 2:05 pm to 2:17 pm – Presentation on "Urban Traffic and Flooding due to Climate Change Rainfall in Bangkok" by Prof. Varameth VICHENSAN (Kasetsart University, Thailand) 2:17 pm to 2:29 pm – Presentation on "Willingness to pay for COVID-19 mitigation measures in public transport and paratransit in low-income countries" by Prof. Zia WADUD (University of Leeds) 2:29 pm to 2:41 pm – Presentation on "Impact of eco-driving variable message signs on the behavior change in Ahmedabad" by Prof. Shinya HANAOKA (Tokyo Institute of Technology, Japan) 2:41 pm to 2:53 pm – Presentation on "Dynamic Governance Decisions on Inter-city Travel considering Impacts of COVID-19" by Prof. Meng LI (Tsinghua University, China) 2:53 pm to 3:05 pm – Presentation on "Climate Change Adaptation Measures in Indian Cities" by Prof. Ashish VERMA (Indian Institute of Science Bangalore, India) 3:05 pm to 3:30 pm – Q&A and panel discussion on improving disaster resiliency of transport in developing economies

3:00 PM to 4:30 PM	B3 Freight Transport Operations and Intermodality	Climate Change –The role that freight transport can play to avoid emissions	Panel	Ralf Elbert	<p>(1) Welcome and introduction (5 minutes)</p> <ul style="list-style-type: none"> <li>Jolene Hayes, Chair of TRB AT045, Senior Associate at Fehr &amp; Peers</li> <li>Ralf Elbert, Chair of SIG B3, Professor at Technical University Darmstadt</li> </ul> <p>(2) Key Note (10 minutes)  “Climate Change - The role that freight transport can play to avoid emissions”  Thierry Vanelslander, Professor at University of Antwerp</p> <p>(3) Perspectives from industry speakers (5 to 10 minutes each)</p> <ul style="list-style-type: none"> <li>Dr. Christoph Friedrich, Director Business Processes and Quality, TFG Transfracht, Germany</li> <li>Thomas Jelenic, Vice President, Pacific Merchant Shipping Association, USA</li> <li>Patrick Bertman, Head of Product and Pricing Strategies, DB Cargo AG, Germany</li> <li>Dr. Sam Pournazeri, Director of Clean Transportation and Energy, ICF team</li> </ul> <p>(4) Break-out rooms (15 minutes)  Identifying initiatives in the field of freight transport to avoid emissions and create some order in the multitude of initiatives; each room will be supported and the discussion guided by one of the industry speakers.</p> <p>(5) Plenary (15 minutes)  Discussing and sharing identified initiatives from break-out sessions with Thierry Vanelslander and the industry speakers</p> <p>(6) Wrap-up and end of event (5 minutes)</p> <ul style="list-style-type: none"> <li>Jolene Hayes, Chair of TRB AT045, Senior Associate at Fehr &amp; Peers</li> <li>Ralf Elbert, Chair of SIG B3, Professor at Technical University Darmstadt</li> </ul>
4:00 PM to 5:30 PM	WCTRS-Y	Young transport academics' career development		Laetitia Dablanc	Round table with Dr. Xiaopeng "Shaw" Li (University of South Florida), Dr. Bandhan Bandhu Majumdar (BITS Pilani, India)

**Day 4: July 27**

Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
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1:00 AM to 2:30 AM	H5 Urban Transport in Developing Countries	Urban transport in developing countries	Oral presentations and discussions	Varameth Vichiensan	<p>(1) Session and Speakers Introduction, Call for papers to the WCTR Conference 2023 Varameth Vichiensan, SIG-H5 Chair</p> <p>(2) Keynote Presentation (TBA) Professor Atsushi Fukuda, Nihon University, Japan</p> <p>(3) Public Transport Development in Manila (tentative) Professor Alexis Fillone, De La Salle University, The Philippines</p> <p>(4) Transport Planning for Developing Countries Using Crowd Sourced Data Dr.Dimantha De Silva, University of Moratuwa, Sri Lanka</p> <p>(5) Public Transit Equity: Concept of Accessibility Dr.Asif Raza &amp; Professor Ming Zhong, Wuhan University of Technology, China</p> <p>(6) Impact of Neighborhood Design on Walk Accessibility to Metro Stations Akshay Gupta, Indian Institute of Technology Roorkee, India</p> <p>(7) Spatial Coverage Analysis of Public Transport Bus Stops Through a Citizen Perception Study. Case Study: Manizales – Colombia Diego Escobar and Jorge Montoya Gomez</p>
9:00 AM to 10:30 AM	B3 Freight Transport Operations and Intermodality	Climate Change –The role that freight transport can play to avoid emissions	Panel	Ralf Elbert	<p>(1) Welcome and introduction (5 minutes) Ralf Elbert, Chair of SIG B3, Professor at Technical University Darmstadt</p> <p>(2) Key Note (10 minutes) “Climate Change - The role that freight transport can play to avoid emissions” Thierry Vanelslander, Professor at University of Antwerp</p> <p>(3) Recap (10 minutes) “Identified initiatives to avoid emissions in freight transport – a North American and European perspective” Gunnar Stéfansson, Co-Chair of SIG B3, Professor at University of Iceland</p> <p>(4) Regional Perspectives (10 minutes each)</p> <ul style="list-style-type: none"> <li>• Speaker from Egypt (tbd)</li> <li>• Dr. Niklas Wilmking, CEO of DB Schenker for Asia-Pacific (tbd)</li> <li>• Prof. Dr. Wolrad Rommel, President of Kazakh-German University, Kazakhstan</li> </ul> <p>(5) Break-out rooms (15 minutes) Identifying initiatives in the field of freight transport to avoid emissions and create some order in the multitude of initiatives; each room will be supported and the discussion guided by one of the speakers.</p> <p>(6) Plenary (15 minutes) Discussing and sharing identified initiatives from break-out sessions with Thierry Vanelslander and the speakers</p> <p>(7) Wrap-up and end of event (5 minutes) Ralf Elbert, Chair of SIG B3, Professor at Technical University Darmstadt</p>

9:00 AM to 12 AM	C3 Intelligent Transport Systems	Two sessions • Session-1: Student workshop on 'do's and don'ts for publishing in journals' • Session-2: Panel discussion on emerging research area in ITS	Oral presentations	Ashish Bhaskar; Monical Menendez	9:00-9:30 Dr Lukas Ambuhl UTD19 dataset <a href="https://utd19.ethz.ch/">https://utd19.ethz.ch/</a> 9:30-10:00 Dr Manos Barmounakis pNEUMA dataset <a href="https://open-traffic.epfl.ch/">https://open-traffic.epfl.ch/</a> 10:00-10:30 Prof Shrinivas Arkatkar: Indian vehicular trajectory data 10:30-11:00 Q&A and discussions 11:00-11:45 Prof Yafeng Yin Do's and don'ts for publishing in journals 11:45-12:00 Q&A
9:00 AM to 3:00 PM	F3 Smart Transport, Smart City and Quality of Life	(1) Smart Transport; (2) Smart City; (3) Quality of Life; (4) Low Carbon & Sustainable Development	Oral presentations & panel discussion	Xiao LUO	
1:00 PM to 4:00 PM	A2 Maritime Transport and Ports	Key challenges in ports and maritime	Panel discussion	Thierry Vanelander	- Welcome and opening (5 min. - Thierry Vanelander) - Greening options in maritime shipping and ports (40 min. - Anastasia Christodoulou + panel) - Digital collaboration potential and progress in maritime and ports (40 min. - Giuseppe Mussolino and Francesco Russo + panel) - The Northern Sea Route (40 min. - Elena Efimova + panel) - Maritime education and skills after COVID-19 (40 min. - Cassia Galvao + panel) - Smart Ports barometer (15 min. - Valentin Carlan + Thierry Vanelander)
	C2 Urban Transport operations	Global Practices on Road Traffic Signal Control - Arterial Coordination under Actuated Control	Oral presentations and discussions	Keshuang TANG; Zong TIAN	
	E1 Transport System Analysis and Economic Evaluation	How to reach Sustainable Transport: Investigating the relationship between transportation and Sustainable Development Goals (SDGs)	Oral presentation and Panel discussion	Özay Özaydın	* Opening (5 mins - Fusun ULENGIN) * Relationship between SDG2 with Transportation: End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture (15 mins Şule ÖNSEL EKİCİ) * Relationship between SDG3 with Transportation: Ensure Access to Affordable, Reliable, Sustainable and Modern Energy for All (15 mins Yusuf İlker TOPCU) * Relationship between SDG7 with Transportation: Ensure Healthy Lives and Promote Well-being for All Ages (15 mins Özgür KABAK) * Relationship between SDG14 with Transportation: Conserve and Sustainably Use the Oceans, Seas and Marine Resource for Sustainable Development (15 mins Özay ÖZAYDIN) * Panel Discussion (Lori TAVASSZY - Werner ROTHENGATTER) (20 mins) * Closing (5 mins - Fusun ULENGIN)

2:00 PM to 3:30 PM	F2 Transport, Climate Change and Clean Air	Suitable and Innovative Measures for the Nationally Determined Contributions (NDC) in Freight and Passenger Transport	Online presentations and workshop	Patrick Jochem	<p>OPENING: Wei-Shiuen Ng (UNESCAP) &amp; Patrick Jochem (DLR)</p> <p>Daniela Paddeu, Centre for Transport and Society, University of the West of England, Bristol: Freight decarbonisation: expectations vs real life. A critical analysis of realistic solutions to decarbonise the sector by 2050 and how to prioritise them</p> <p>Tsu-Jui Cheng, Department of Transportation and Communication Management Science, National Cheng Kung University: Unfolding Urban freight governance in emerging economies through a multi-level governance perspective</p> <p>Edgar Sandoval-García, Tecnológico Nacional de México/TES de Cuautitlán Izcalli: Future freight transport demand and CO2 emissions in Texas-Mexico border up to 2050</p> <p>Silvio Nocera, Università IUAV di Venezia: Integrated passenger-freight first-last mile as a solution to reduce GHG transport emissions</p> <p>Carsten Hoyer-Klick, Institute of Networked Energy Systems, German Aerospace Center (DLR): Impact of charging behavior of electric vehicle users on the use of power generation and storage in the German energy system</p> <p>Bruno Franciscone, Transport Engineering Program COPPE, Federal University of Rio de Janeiro UFRJ: Operation improvements to reduce air traffic emission in developing countries</p> <p>Identification of key messages for policy makers at COP27</p>
	G4 Cultural and Social Issues in Transport	Assessing Social Sustainability	Panel discussion	Helena Titheridge Caroline Mullen	<p>Panelists:</p> <p>Dr Lena Levin, Swedish National Road and Transport Research Institute (VTI);</p> <p>Dr Nihan Akyelken, Oxford University;</p> <p>Dr Thiago Guimaraes Rodrigues, World Resources Institute;</p> <p>Dr Wouter Van den Berghe, VIAS Institute; and</p> <p>Zhengyue Wan, University College London.</p>
4:00 PM to 5:30 PM	F1 Transport and Spatial Development	Impact of the built environment on travel behavior	Oral presentations	Masanobu Kii, Rolf Moeckel	TBD
	D2 Travel Behaviour and Choice Modelling	COVID and its Impact on Travel Behaviour-I	Oral presentations and panel discussion	Chandra Bhat	

**Day 5: 28th July**

Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
					<p>9:00-9:10 am (GMT): Welcome to Participants and Introduction to SIG-D3 by Dr. Bhargab Maitra, Professor, Civil Engineering Department, Indian Institute of Technology Kharagpur, India</p> <p>9:10-9:35 am (GMT): "A somewhat different course of COVID-19 impact on a populated and busy island"</p>

9:00 AM to 10:30 AM	D3 Applications of Travel Behaviour Analysis and Demand Modelling Approaches	COVID and its Impact on Travel Behaviour-II	Oral presentations and panel discussion	Bhargab Maitra	<p>9:10-9:30 am (GMT): "A somewhat different course of COVID-19 impact on a populated and busy island: ongoing experience of Taiwan" by Dr. YU-TING HSU, Associate Professor, Department of Civil Engineering, National Taiwan University, Taiwan</p> <p>9:35-10:00 am (GMT): "COVID-19 and travel behavior in the Philippines" by DR. MA. BERNADETH B. LIM, Assistant Professor, Department of Civil Engineering, University of the Philippines Los Banos, Laguna, Philippines</p> <p>10:00-10:25 am (GMT): "The effect of COVID-19 on ICT, ride-hailing, and bicycle use in Indonesian cities" by Dr. Eng. MUHAMMAD ZUDHY IRAWAN, Associate Professor, Department of Civil and Environmental Engineering, Gadjah Mada University, Indonesia</p> <p>10:25-10:45 am (GMT): Interactions and Concluding Session</p>
1:00 PM to 3:00 PM	H1 - Africa	Transport and Fiscal Challenges of Africa	Oral presentations and panel discussion	Shinya Hanaoka	<p>1300-1305Hr - Shinya Hanaoka: Welcomes and introduces the SIG</p> <p>1305-1310Hr - Tae Hoon Oum: Introduce the Society and its vision for Africa</p> <p>1310-1455Hr – Panel discussion moderated by Binyam Reja Topic:the Fiscal Challenges of Africa Panelist: -Johnson Mwawasi Kilangi – Founder &amp; Chief Executive Officer, Miundo Misingi (infrastructure) Hub, Nairobi. -Isaac Obare – Head of Infrastructure &amp; Infrastructure Finance – Cooperative Bank of Kenya -Dr. David Mathuva – Senior Lecturer, Strathmore Business School Kenya National Highways Authority – Speaker to be confirmed by Wednesday -Stima Savings and Credit Society -Ngatia Kirungie – Head of Kenya Pension Funds Investment Consortium -County Executive Committee Member (Minister) of Roads , County Government in Kenya- Details to be shared by Wednesday -John Kalungi Kabuye – Building Surveyor &amp; Sustainability Consultant, BESIC Group</p> <p>1455-1500Hr – Closing address by S Hanaoka</p>
	A3 Rail Transport - general	The Railroad to Recovery: Rail Research in a Post Covid World	Short presentations from different countries/perspectives plus discussion.	John Preston	<p>1400 Introduction. 1415 How Covid-19 has affected railway transportation in the UK and Europe, John Preston. 1430 How Covid-19 has affected railway transportation in the Middle East region, Melody Khadem-Sameni. 1445 How Covid-19 has affected railway transportation in the East Asia region. Rex Lai. 1500 Discussion and contribution from other regions.</p>

2:00 PM to 3:30 PM	E2 Transport Pricing and Economic Regulation	Transport Pricing and Regulation in the new Transport Era	Oral presentations and group discussions	Georgina Santos, Marco Percoco and Paolo Beria	<p>2 to 2:10 Introduction Georgina Santos</p> <p>2:10 to 2:25: Laurent Guihery (CY Cergy Paris Université) "Competition on high speed line in France following the recommendations of the European transport policy: can the new Frecciarossa Trenitalia high speed train Milano - Paris be successful?"</p> <p>2:25 to 2:35: Q&amp;A</p> <p>2:35 to 2:50: Jose Manuel Vassallo and Tulio Silveira (Universidad Politécnica de Madrid) "Setting prices in ride-hailing"</p> <p>2:50 to 3: Q&amp;A</p> <p>3 to 3:20: Breakout groups</p> <p>3:20 to 3:30: Group discussion and close</p>
	G1 Governance and Decision-making Processes	Inclusivity in Transport Systems: Considering the role of Politics and Policy	Four presentations from guest speakers, interspersed with facilitated discussion	Greg Marsden and Louise Reardon	<p>2 to 2:10 Introduction Greg Marsden and Louise Reardon; 2:10-230 Dr Morgan Campbell (University of Leeds) Transit Racism in the Motor City; 2:30-250 Josephine Macharia (International Transport Forum) Gender and diversity in policy: beyond acknowledgement; 2:50-3:10 Dr Rosalie Ray (Texas State University) Unpacking the myth of objectivity in transportation planning: Implications for Inclusivity; 3:10-3:30 Discussion</p>
	G6 Transport and Health	Assessing the Health Impacts of Transportation Investments and Actions: Contrasting Approaches and Decision Support Tools	Oral Presentations and Panel Discussion	Haneen Khreis and Larry Frank	

2:00 PM to 5:00 PM	B4 Urban Goods Movement	Major developments in urban goods movement	Short presentations followed by a panel discussion	Michael Browne and Anne Goodchild	<p>2:00 to 2:05 Introduction Michael Browne and Anne Goodchild</p> <p>2:05 to 3:25 Part 1: Around the world in 80 minutes! Developments in urban freight research from different regions – presentation and panel discussion moderated by Prof. Anne Goodchild (University of Washington).</p> <p>Including presentations from:  Prof. Gopal Patil (IIT Bombay)  Prof. Alison Conway (The City College of New York - CUNY)  Prof. Koen Mommens (MOBI - Vrije Universiteit Brussel)  Dr. Giacomo Dalla Chiara (UFL - University of Washington)</p> <p>Additional presentations to be confirmed</p> <p>3:25 to 3:35 Break</p> <p>3:35 to 4:20 Part 2: The future for urban freight transport research: Opportunities and challenges</p> <p>Urban freight transport research has grown dramatically in recent years (from a small base). There are many more conferences and journal papers and more researchers are now involved in this field. How can this growth be maintained and developed?</p> <p>A panel discussion format will consider this question moderated by Prof. Michael Browne (University of Gothenburg).</p> <p>Panel participants include:  Prof. Laetitia Dablanc (University Gustave Eiffel and leader of the The World Conference on Transport Research Society Young Researchers' Initiative (WCTRS-Y)  Dr. Erica Wygonik, Vice President, Northeast Region, Wall Consultant Group and Chair of TRB Urban Freight Transportation Committee (A025) Prof. Anne Goodchild (University of Washington and Director of the Urban Freight Lab)  Prof. Ivan Sanchez-Diaz (Chalmers University of Technology and co-director of Northern LEAD)</p> <p>Additional panel members to be confirmed.</p> <p>4:20 to 5:00 Part 3: SIG B4: Urban Goods Movement – plans for 2022/2023 including increased cooperation with TRB in the period leading to the WCTRS conference in 2023</p> <p>Session led by Michael Browne and Anne Goodchild.</p>
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**Day 6: 29th July**

Time Slot (GMT)	SIG ID	Title of Session	Session Type	Session Organizer	Speakers/Panelists and Presentation titles
12:00 AM to 1:30 AM	C4 Traffic Safety Analysis and Policy	Road Safety Analysis using Advanced Simulation Tools	Oral presentations & Panel Discussion. Followed by WCTRS SIG C4 Group Meeting	Dr. Babak Mehran Dr. Miho Iryo-Asano	<p>12:00 - 12:05 Welcome &amp; Introductions, Babak Mehran and Miho Iryo-Asano</p> <p>12:05 - 12:15 SIG C4: Overview, Wael Alhajyaseen</p> <p>12:15 - 12:35 Modelling of pedestrian-AV interactions using VR, Bilal Farooq</p> <p>12:35 - 12:55 A Physics-informed Road User Safety Field Theory for Road Safety Assessments Using Computer Vision, Shimul (Md. Mazharul) Haque</p> <p>12:55 - 1:15 LiDAR-based data collection with implications for road safety research, Hao Xu</p> <p>1:15 - 1:25 QA, All participants</p> <p>1:25 - 1:30 Closing, Babak Mehran</p>

7:00 to 8:30 AM	A4 High Speed Rail: policy, investment and impacts	ADBI-WCTRS Knowledge Sharing Session on Policies and Programs for implementation of HSR Network in Asia	High -level panel discussion	Asian Development Bank Institute, Tokyo in collaboration with Dr. Nikhil Bugalia	7:00 -7:10 Welcome & opening Remarks, Deputy Dean ADBI 7: 10 - 7:35 Session 1: High Speed Rail: Network Extension, Urban Development & their Integrated Impacts Evaluation of HSR: Wider economic benefit in the region and personal Quality of Life: modeling and case studies - Yoshitsugu Hayashi Megaprojects Governance from HSR projects in Europe: Stuttgart 21 megaproject in Germany and the Bordeaux-Tours TGV project in France - Werner Rothengatter 7:35 - 8:25 Session 2: Panel Discussion: Experience Sharing on Policy and Development Programs for High-Speed Rail; KOTI, Dr. Gopal Patil, Atul Tripathi, JREast 8:25- 8:30 Closing Remark
9:00 AM to 10:30 AM	D4: ICT, Activities, Time Use and Travel Demand	Emerging Trends in ICT, Activities, Time Use and Travel Demand	Oral presentations and panel discussion	Juan Carrasco	
	G3 Urban Transport Planning and Policy	Women, Work and Transport	Oral presentations and discussion	Stephen Ison & Maria Attard	9.00-9.05 Introduction 9.05-9.20 Tackling Gender-Based Violence and Sexual Harassment in the Public Transport Sector: The Role of Key Actors Anne Kamau and Tessa Wright 9.20-9.35 Experiences of Women Workers in the African Road Transport Sector Gina Porter and Nyaboke Omwega 9.35-9.50 Bullying and Harassment in the British Rail Sector: An Intersectional Analysis Hazel Conley, Mostak Ahamed and Tessa Wright 9.50-10.05 Closing the Gender Gap in the Maritime Industry: A Career-Decision Approach Heather McLaughlin and Colm Fearon 10.05-10.20 The Role of Government and the Transport Sector with respect to Women Working in Transport Hebba Haddad, Jo Field and Alex Bennett 10.20-10.30 Discussion
1:00 PM to 2:30 PM	C4 Traffic Safety Analysis and Policy	Road Safety Analysis using Advanced Simulation Tools	Oral presentations & Panel Discussion. Followed by WCTRS SIG C4 Group Meeting	Dr. Babak Mehran Dr. Miho Iryo-Asano	1:00 - 1:05 Welcome & Introductions, Babak Mehran and Miho Iryo-Asano 1:05 - 1:15 SIG C4: Overview, Wael Alhajyaseen 1:15 - 1:35 Pedestrians' crossing behavior analysis using virtual reality tools, Miho Iryo-Asano 1:35 - 1:55 Road Safety Analysis using Trajectory Data: At the Intersection of Naturalistic and Simulation Studies, Nicolas Saunier 1:55 - 2:15 Safety Evaluation of Highway Design Using Driving Simulator, Xuesong Wang 2:15 - 2:25 QA, All participants 2:25 - 2:30 Closing, Babak Mehran

2:00 PM to 5:00 PM	B5 Freight Transport Modelling	Freight transport modelling	Presentations and discussion	Sushant Sharma (TRB AT015 chair), Lori Tavasszy and Bart Jourquin (SIG B5)	<p>PART 1: EQUITY in FREIGHT PLANNING &amp; MODELLING (1 hr 30 mins)</p> <ul style="list-style-type: none"> <li>• Equity issues in planning: an MPO case by Reese Brewer, Frontier MPO, Arkansas</li> <li>• Defining equity in freight transport by Sushant Sharma, Texas A&amp;M Transportation Institute</li> <li>• State-of-practice equity modelling by Monique Stinson, Argonne National Laboratory</li> </ul> <p>Followed by breakout and Panel discussion</p> <p>PART 2: DATA-DRIVEN FREIGHT MODELLING (1 hr 30 mins)</p> <ul style="list-style-type: none"> <li>• Freight Generation and Zoning by Agnivesh Pani, Indian Institute of Technology (BHU) Varanasi, India</li> <li>• Agent-Based Freight Framework Development (CRISTAL) by Monique Stinson, Argonne National Laboratory, USA</li> <li>• Tour-based Synthetic Truck Population Generation by Haggai Davis, New York University, USA</li> <li>• A data-driven Descriptive Tour Model by Ali Nadi, Delft University of Technology, Netherlands</li> </ul>
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