



35th INTERNATIONAL GEOGRAPHICAL CONGRESS 2024

24-30 August | Dublin, Ireland

Themes and activities sponsored under C.41. Transport and Geography Commission

Sunday 25th		Monday 26th		Tuesday 27th		Wednesday 28th		Thursday 29th	
Parallel session 1 Location	Parallel session 2 Location	Parallel session 1 Location	Parallel session 2 Location	Parallel session 1 Location	Parallel session 2 Location	Location	Parallel session 1 Location	Parallel session 2 Location	
Business School Q219	Business School Q158	Business School Q219	Business School Q158	Business School Q120	Business School Q219	Business School Q158	Business School Q219	Business School Q219	Business School Q219
08:30-10:00 Emerging opportunities and challenges for transport equity in a rapidly digitalized world	New trends of rural transport and rural sustainability 1	Transportation networks over the long run 1	Progress in shared mobility research 1	Safe or mobile? Navigating climate and mobility transitions 1	In the wake of social and technological transformation: Revisiting the future of mobility 1	08:30-10:00 Sustainable Transit-Oriented Development (STOD): New Perspectives and Advances 1	Road, Rail, Tram – Geographies of Mobility		
Break						Break			
10:30-12:00 New trends of rural transport and rural sustainability 2		Transportation networks over the long run 2	Progress in shared mobility research 2	Safe or mobile? Navigating climate and mobility transitions 2	In the wake of social and technological transformation: Revisiting the future of mobility 2	10:30-12:00 Sustainable Transit-Oriented Development (STOD): New Perspectives and Advances 2	Geographies of high-speed rail 1		
12:00-13:00						12:00-13:15			
13:00-14:00				T&G Commission. Business Meeting					
14:00-15:30 Geographies of air transport 1	Re-making of space through urban experiments 1	Transportation networks over the long run 3	Progress in shared mobility research 3	Safe or mobile? Navigating climate and mobility transitions 3		13:15-14:45 Sustainable Transit-Oriented Development (STOD): New Perspectives and Advances 3	Geographies of high-speed rail 2		
Break									
16:00-17:30 Geographies of air transport 2	Re-making of space through urban experiments 2	Spatial justice in urban smart mobility	Medium-sized, small, peripheral ports and territorial development						
Informal evening from 18:30 at The IVY House, https://www.theivyhouse.ie/									

Themes (order by alphabet A-Z)	Session number	Paper number	Proposers
Emerging opportunities and challenges for transport equity in a rapidly digitalized world	1	5	Pengjun Zhao, Peking University, China; Mengzhu Zhang, Peking University, China & Mengqiu Cao, University of Westminster UK
Geographies of air transport	2	6	Andy Goetz, University of Denver, USA & Lucy Budd, De Montfort University, UK
Geographies of high-speed rail	2	7	Chia-Lin Chen, University of Liverpool, UK & Andy Goetz, University of Denver, USA
In the wake of social and technological transformation: Revisiting the future of mobility	2	7	Matthias Sweet, Toronto Metropolitan University, Canada & Darren Scott, McMaster University, Canada
Medium-sized, small, peripheral ports and territorial development	1	4	Arnaud Serry, University Le Havre Normandie, France
New trends of rural transport and rural sustainability	2	6	Pengjun Zhao, Qiyang Liu & Zhengying Liu, Peking University, China
Progress in shared mobility research	3	13	Ana Condeço and Daniela Arias Molinares, University Complutense of Madrid, Spain
Re-making of space through urban experiments	2	8	Kristina Trygg & Ida Grundel, Linköping University, Sweden
Road, Rail, Tram – Geographies of Mobility	1	5	
Safe or mobile? Navigating climate and mobility transitions	3	10	Nacima Baron, Univ. G. Eiffel, France; John Renne, CUES Center of urban and Environmental Solutions, Boca Raton, USA & Billy Fields, Texas State University, USA
Spatial justice in urban smart mobility	1	3	Si Qiao, The University of Hong Kong, China
Sustainable Transit-Oriented Development (STOD): New Perspectives and Advances	3	12	Chia-Lin Chen, University of Liverpool, UK; Richard D. Knowles, University of Salford & University of Huddersfield, UK & Jen-Jia Lin, National Taiwan University, Taiwan
Transportation networks over the long run	3	12	Thomas Thévenin, University of Burgundy, France; Alexis Litvine, University of Cambridge, UK & Christophe Mimeur, CY Université, France
In Total	26	98	

25 August	C.41: Transport and Geography: Emerging opportunities and challenges for transport equity in a rapidly digitalized world		
Sunday	Title	Authors	Presentor
08:30-10:00 BSQ219	Exploring the non-linear relationship between daily travel and hedonic and eudaimonic well-being for older adults	Qihao Liu, Xin Lin, Yuzheng Liu, Long Cheng, Jonas De Vos, Mengqiu Cao	Qihao Liu
	Investigating walking behaviour and perceived walkability of older citizens	Mengqiu Cao	Mengqiu Cao
	Smartness-induced transport inequality: Privacy concern, lacking knowledge of smartphone use and unequal access to transport information	Mengzhu Zhang, Pengjun Zhao	Mengzhu Zhang
	Access Disparities to Public Transport Apps in the Hanover Region	Dmitry Boyko, Kerstin Schaefer	Dmitry Boyko
	Pricing Strategy Optimization of Demand-Responsive Commuter Buses Considering Passenger Loyalty Decay Characteristics	Jiangbo Wang, Kai Liu	Jiangbo Wang
	C.41: Transport and Geography: New trends of rural transport and rural sustainability		
08:30-10:00 BSQ158	Title	Authors	Presentor
10:30-12:00 BSQ158	Developing data driven decision support tools for bridge management to ensure connectivity of rural communities.	Myra Lydon, Amaya Vega, Amanda Fenerich	Myra Lydon
	Pathways to rural transport electrification in China	Zhengying Liu, Pengjun Zhao	Zhengying Liu
	Accessibility and mobility evaluation in rural areas: a big data approach for analysing transport spatial inequalities in Castilla-La Mancha (Spain)	David Ramirez-Cajigas, Alvaro Roldán, Santos Sánchez-Cambronero, Amparo Moyano	David Ramirez-Cajigas
	The carbon emissions of rural transport in China	Ling Yu, Pengjun Zhao	Ling Yu
	Emerging Trends, Elevated Expectations, yet Persistent Governance Challenges: Unpacking the Complexity of the Practical Implementation of Sustainable Mobility in Rural Areas	Louise Weir, Maura Farrell	Louise Weir
	Tackling Social Exclusion through Electrified and Informal Transport Solutions	Qiyang Liu, Pengjun Zhao	Qiyang Liu
C.41: Transport and Geography: Geographies of air transport			
14:00-15:30 BSQ219	Title	Authors	Presentor
16:00-17:30 BSQ219	How the spatio-temporal connectivity of flights shapes global cities?	Jiaoe Wang, Jie Huang, Wei Lin	Jiaoe Wang
	Situation, problem and countermeasures of worldwide airport clusters under Yangtze River Delta Integration	lei Zhang	lei Zhang
	Airport privatisation outcomes and lessons: A case study of Gold Coast Airport, Australia	Isara Khanjanasthiti, Bhishna Bajracharya, Daniel O'Hare	Isara Khanjanasthiti
	Three decades of extensive liberalisation: Geographies of European air transport	Frederic Dobruszkes	Frederic Dobruszkes
	The geographic strategies of low-cost airlines in the United States	Andrew Goetz	Andrew Goetz
	The long term impacts of Covid19 on European and US air transportation	Aisling Reynolds-Feighan	Aisling Reynolds-Feighan
C.41: Transport and Geography: Re-making of space through urban experiments			
Title	Authors	Presentor	
The joy of experiments: instructions in experimental urbanism	Michael Crilly, Danny Oswell, Georgiana Varna	Georgiana Varna	

14:00-	Planning contestation: experimental approaches to urban development in Münster (Germany).	Samuel Mössner, Byron Miller, Jana Weber	Samuel Mössner
15:30			
BSQ158	Experimenting with the 15-minute city: learning about cycling promotion in urban peripheries	Tim Schwanen	Tim Schwanen
	MaaS platforms between digital and physical infrastructure: a new tool for mobility governance?	Manon Eskenazi, Thomas Quillerier	Manon Eskenazi
	Street experiments for transformative change? – urban mobility innovations in Swedish municipalities	Kristina Trygg, Karin Edberg, Ida Grundel	Kristina Trygg
16:00-	Urban experimentation as game changer for transformative change or just another buzzword?	Ida Grundel, Kristina Trygg	Ida Grundel
17:30			
BSQ158	Disruptive, dangerous, and dirty: how planned reconfigurations of urban space for active mobility are discursively opposed	Robert Egan, Brian Caulfield	Robert Egan
	Analysing public acceptance of pedestrian interventions in a highly car-dependent context – the case of Malta	Karyn Scerri, Maria Attard	Karyn Scerri

26 August C.41: Transport and Geography: Transportation networks over the long run

Monday

	Title	Authors	Presentor
08:30-	Converting paper timetable data to GTFS for GIS analysis: a case study of overnight trains in Europe	Simon Blainey, Marcus Young, John Armstrong	Simon Blainey
10:00	How to model multimodality in historical transport networks	Eduard Alvarez-Palau, Christophe Mimeur	Eduard Alvarez-Palau
BSQ219	Connectivity in Historical Transport Networks	Thomas Thévenin	Thomas Thévenin
	Manual Digitisation of Historic Transport Networks: Guidelines and Future Considerations	Arthur Starzec, Thomas Thevenin	Arthur Starzec
	Nodes: ports, cities, stations	Barbara Polo-Martin, Cesar Ducruet, Christine Plumejeaud	Barbara Polo-Martin
10:30-	Accessibility and network indicators	Christophe Mimeur, Thomas Thevenin	Christophe Mimeur
12:00	About (spatial) causal claims for impact of transport infrastructure on development trajectories	Jean Dubé, Marie-Pier Champagne, Sonia Yousfi, Julie Le Gallo, Diego Cardenas	Jean Dubé
BSQ219	Using geohistorical data for morphological analysis and modelling of road networks in the long term	Hanae El Gouj, Claire Lagesse, Gilles Vuidel, Cécile Tannier	Hanae El Gouj
	Rethinking borders in cross-border railways: from a geographic perspective	Jie Huang, Chia-Lin Chen	Jie Huang
14:00-	International Comparison on Arrangement of Railroad and Local Bus on Trunk Lines: A Comparison of Japan, South Korea, and Europe	Takumi Shibata	Takumi Shibata
15:30			
BSQ219	Historical roads and its development perspective in Georgia	Luka Davitashvili	Luka Davitashvili
	Machine Learning and Computer Vision for Historical Transport Network Data Extraction	Stephen Gadd, Johannes Uhl, Alexis Litvine	Alexis Litvine

C.41: Transport and Geography: Progress in shared mobility research

Title	Authors	Presentor

	Exploring and measuring hailing service mode competition in New York City taxi zones: From airports to various zones	Minho Choi, Youngsun Kwon	Minho Choi
08:30- 10:00 BSQ158	Ride Hailing Services and Urban Mobility in Nigeria: Commuters' Characteristics and Opinions	Moses Olawole, Oluwasegun Oladejo	Moses Olawole
	Shared mobility services: assessing the impacts of a move from a stable, regulated framework to the law of the jungle	Michał Dziecielski, Frédéric Dobruszkes, Alexandros Nikitas, Adam Radzimski	Michał Dziecielski
	Integrating Cycling to Public Transport – A sustainable solution to bicycle-friendly cities	Adam Castles, Shohel Amin	Shohel Amin
	Willingness to adopt Mobility as a Service (MaaS) in Madrid	Ana Melhorado	Ana Melhorado
	Opportunities and barriers to sharing rides in private automobiles: Experiences and observations from the rural Eifel Region of Germany	Ralph Wahnschafft, Frank Wolter	Ralph Wahnschafft
10:30- 12:00 BSQ158	Addressing Transport Deficiency in a Small Island DevelopingState by Leveraging Shared Mobility and Digitization	Katherine Agong, Julia Kotzebue, Lee Leon	Katherine Agong
	Use of Twitter data to analyze the perception of micromobility services in spanish cities	Joaquín Osorio Arjona, Daniela Arias Molinares	Joaquín Osorio Arjona
	Social and environmental analysis of service and good provision modes in sparsely populated regions of rural Galicia, Spain	David Peón-Pose, Jorge Rodríguez-Álvarez, Emma López-Bahut, Amparo Casares-Gallego, Ángeles Santos-Vázquez	David Peón-Pose
	A guide to policy incentives: quantifying individual trip-level carbon emissions reductions between public transportation and private car usage	Shichao Sun	Shichao Sun
14:00- 15:30 BSQ158	Exploring urban communities based on homogeneous urban mobility patterns in Seoul using a network community detection method	Jiwoo Kim, Gunhak Lee	Jiwoo Kim
	A multi-agent based model proposal to evaluate the impact of information transfer among users of ride-pooling services	Aitor Salas-Peña, Ana Margarida Condeço- Melhorado	Aitor Salas-Peña
	Optimal dispatching of idle ride-hailing vehicles based on spatio-temporal prediction of demands	Kai Liu, Zhiju Chen, Jiangbo Wang	Kai Liu

C.41: Transport and Geography: Spatial justice in urban smart mobility

	Title	Authors	Presentor
	Taxi E-hailing and Nighttime Mobility of Women in Abidjan (Côte d'Ivoire) and Pune (India): Balancing Security and Right to the City	Pauline Baudens, Ayité Mawussi, Vakaramoko Bamba	Pauline Baudens
16:00- 17:30 BSQ219	Mobility, resourcefullness and smartphone uses of students in Kinshasa, Democratic Republic of Congo.	Jérémie PASINI, Pauline BAUDENS, Ayité MAWUSSI	Jérémie PASINI
	Revisiting Modifiable Areal Unit Problem in Commuting Analyses: A Comparison of Large and Small Cities Using Cellphone Data	Zifeng Chen	Zifeng Chen

C.41: Transport and Geography: Medium-sized, small, peripheral ports and territorial development

	Title	Authors	Presentor
--	-------	---------	-----------

	Port Fragmentation or Integration: Community Structure, Model and Influence Mechanism of Asia Pacific Shipping Network (1890-2016)	Han Su, Liehui Wang	Han Su
16:00-	Modelling the governance of European medium-sized port-cities	Lilian Loubet, Géraldine Del Mondo, Julius Bangate, Eric Sanlaville, Pierrick Tranouez	Lilian Loubet
17:30			
BSQ158	What is a small seaport? An attempt at geographical definition	Arnaud Serry	Arnaud Serry
	Cruises as a vector of spatial inequality between large and small ports in the Mediterranean Sea?	Ronan Kerbiriou, Mariantonio Le Prete, Arnaud Serry, Catherine Roche	Ronan Kerbiriou

27 August C.41: Transport and Geography: Safe or mobile? Navigating climate and mobility transitions

Tuesday

	Title	Authors	Presentor
08:30-	Navigating urban planning and transport to achieve 1.5 degrees	John Renne, Nacima Baron, Billy Fields	John Renne
10:00	Exploring Pedestrians' Sensitivity to Heatwaves Through Mobile Sensing Thermal Walks	Hala Zouad	Hala Zouad
BSQ219	Solarizing Bordeaux motorway for or against resilience ?	Manon Espinasse	Manon Espinasse
	Mapping encounters of sustainable commuters with-, exposures of -, and experiences with urban heat	Nacima Baron	Nacima Baron
10:30-	Planning as a Climate: Enacting Urban Air Quality as A Form of Engagement	Enza Lissandrello	Enza Lissandrello
BSQ219	Re-envisioning the Roles and Goals of Urban Streets: Advocacy Coalitions and the Push for Resilient Streets in New Orleans	Billy Fields, Rosalie Ray, Tara Tolford	Billy Fields
	Active commuting as a work-related mobility option	David Gorný	David Gorný
14:00-	Unattended luggage crisis: the search for stability in a railway system faced with continuous transformation of security practices and commuter behavior	Arina Rezanova	Arina Rezanova
15:30			
BSQ219	Data-driven analysis of pedestrian movement in the built environment	Avital Angel, Pnina Plaut	Pnina Plaut
	Transport poverty and sustainable travel: enablers and hinders of an inclusive cycling mobility system in Lisbon	Lucinda Fonseca, Alina Esteves, Daniela Ferreira	Alina Esteves

C.41: Transport and Geography: In the wake of social and technological transformation: revisiting the future of mobility

	Title	Authors	Presentor
08:30-	Developing a Prospective Bikability Analytical Framework for Assessing Modal Shift Potential	Barbara Stinglhamber	Barbara Stinglhamber
10:00	Synergy or competition: the role of e-scooters as a determinant of bike share use	Darren Scott, Matthias Sweet	Darren Scott
BSQ158	The impact of mobility as a service on travel behaviors among people with disabilities—Evidence of Fukuoka in Japan	Binrong LIN, Chika TAKATORI, Zhiqiu Xie	Binrong LIN
	Thinking slow, acting slow. Rail policy in Britain in a digitised, post-pandemic, climate emergency.	John Preston	John Preston
10:30-	Reassessing Early Estimates of Post-Pandemic Teleworking: Evidence from Canada	Matthias Sweet, Darren Scott	Matthias Sweet
12:00	Associations among evolving technologies in transportation: evidence from a large Midwest US city	Lane Lane	Lane Lane
BSQ158	The effect of the new metro on bike-sharing mobility patterns: A natural experiment in Suzhou	Oliver Dongdong FENG, Sylvia He, Wei Qiang	Oliver Dongdong FENG

28 August C.41: Transport and Geography: Sustainable transit-oriented development (STOD): new perspectives and advances

Wednesday	Title	Authors	Presentor
08:30-10:00 BSQ219	Transit quality and Urban redevelopment : Measuring the impact of quality transit on TOD developments in Montreal, Québec, Canada in a historical perspective	Pierre Barrieau	Pierre Barrieau
	Transit-Oriented Development: the importance of high frequency transit services and prior investment in transit	Richard Knowles	Richard Knowles
	Enhancing Transit-Oriented Development with Micro-mobility: A Renewed Node-Place Index Approach in the Hauts-de-France Region	Ahad Amini Pishro, Ndeye Aïta Cissé, Alain L'Hostis, Xavier Lehmann, Dylan Moinse	Dylan Moinse
	Transport stress of bus and metro passengers in a transit-oriented city: Insights from Hong Kong	Ka Ho Tsoi, Becky P.Y. Loo	Ka Ho Tsoi
	EQUITABLE TRANSIT-ORIENTED DEVELOPMENT IN PARIS: THE CASE STUDY OF THE ROSA PARKS STATION	Ndèye Aïta Cissé, John Renne, Alain L'HOSTIS	Ndèye Aïta Cissé
	Everyday life in the compact city: The (un)gendered role of proximity for local life projects#_msocom_1	Ana Gil Sola, Eva Thulin, Bertil Vilhelmsen, Louise Brundin	Ana Gil Sola
	Long-term evolution of transit-induced gentrification: Evidence from London	Jen-Jia Lin, Chia-Lin Chen, Taku Fujiyama, Jen-Jia Lin Zi Ye	Jen-Jia Lin Zi Ye
10:30-12:00 BSQ219	Why do some people walk to the MRT station, but others don't? The perspective of the Capability approach	Hao-Ching Hsia	Hao-Ching Hsia
	The role of railway transport attractiveness and inconvenience in shaping travel behaviours and settlement networks: a case study of the Wrocław Agglomeration (Poland)	Wojciech Jurkowski	Wojciech Jurkowski
	Beyond Extraction - Transit-Oriented Development Prospects in the Rhenish Mining Area	Christian Larisch	Christian Larisch
	Are older drivers dangerous? A distinction between driving hazards and vulnerability and an active-ageing integrated intervention to travel habit shift before license revocation	Hsu-Sheng Hsieh	Hsu-Sheng Hsieh
	poster The social component of walking and cycling in urban transport: Case study of city of Novi Sad, Serbia	Tijana Tomić, Dajana Tešić, Jasmina Đorđević	Tijana Tomić

29 August C.41: Transport and Geography: Road, rail and tram - geographies of mobility

Thursday	Title	Authors	Presentor
08:30-10:00 BSQ219	Greenfield or brownfield track? Shaping the spatial structure of new tram lines in European cities	Arkadiusz Kołos, Jakub Taczanowski, Łukasz Fiedeń	Jakub Taczanowski
	The Faster the Healthier: China's High-Speed Rail Expansion and Mental Health	Haoran Yang, Xin Zhang, Jingyang Liu, Jing Wen	Haoran Yang
	SPATIAL AND TEMPORAL CHARACTERISTICS OF LANDSCAPE PATTERN IN THE QINGHAI-TIBET PLATEAU ROAD NETWORK FROM 2012 TO 2022	Zhaoming Wang, Dan Wang, Shegang Shao, Yanan Qi, Sen Zhao	Zhaoming Wang
	The new way for integration of passenger, freight and postal services in rural areas of China under transport electrification situation	Yanan Qi, Zhaoming Wang, Shegang Shao, Dan Wang	Yanan Qi

Gendered security as a lever for normalisation and integration of public transport in the Euro-African market: the Greater Rabat bus and tramway case

Ikrame LAADSSI

Ikrame LAADSSI

C.41: Transport and Geography: Geographies of high-speed rail

	Title	Authors	Presentor
10:30- 12:00 BSQ219	High speed Rail network in the context of Trans-European Transport Network of transport as a geopolitical asset in eastern and central Europe	Noam Greco Monteiro	Noam Greco Monteiro
	Winners and losers of the HSR liberalisation process in Spain: an analysis of spatial inequalities in the services provided	Amparo Moyano, Hugo Bohorquez, José María Coronado	Amparo Moyano
	Understanding the complexity of making new tracks of high-speed rail in the UK: The case of HS2 and Northern England	Chia-Lin Chen	Chia-Lin Chen
	Lessons learned from abroad: potential impacts of California high-speed rail on economic activities and urban development	Maria Carolina Lecompte, Lucia Rossignol, Basar Ozbil, Anastasia Loukaitou-Sideris, Giovanni Circelli	Maria Carolina Lecompte
13:15- 14:45 BSQ219	What impact has the Shinkansen high-speed rail had on local labor markets in Japan? An econometric analysis	Bing-yu Chiu, Shotaro Muro, Daisuke Fukuda	Bing-yu Chiu
	Railway Network Changes and the Development of shrinking Cities in China: A Multidimensional Analysis from the Perspectives of Spatial and Population Dynamics (2000-2020)	Xiaoxiong Li, Fan Zhang, Siqi Li	Siqi Li
	Effectiveness of high-speed rail network in the event of natural disasters	Koichi Tanaka	Koichi Tanaka