FROM	UNTIL	SUNDAY 14th of July	MONDAY 15th of July	TUESDAY 16th of July	WEDNESDAY 17th of July	THURSDAY 18th of July
09:00	09:15		Opening & Housekeeping	Plenary Session	Scientific Presentations by LAA Winners	Plenary Session
09:15	09:30					
09:30	09:45		Welcome Speech and Opening Plenary			
09:45	10:00					
10:00	10:15			Coffee Break		Coffee Break
10:15	10:30					
10:30	10:45		Coffee Break	Session 4 Workshop	Coffee Break	Session 9 Workshop/ Special Event
10:45	11:00				Session 7 Workshop	
11:00	11:15		Session 1			
11:15	11:30					
11:30	11:45					
11:45	12:00					
12:00	12:15			Lunch Break	Lunch Break	Lunch Break
12:15	12:30					
12:30	12:45		Lunch Break			
12:45	13:00					
13:00	13:15			Scientific Presentations by Eric Pas Winners	Plenary Session	Session 10
13:15	13:30					
13:30	13:45		Plenary Session + IATBR Business Meeting			
13:45	14:00					
14:00	14:15				Session 8 Workshop	
14:15	14:30					
14:30	14:45			Session 5 Workshops		Closing Ceremony
14:45	15:00					
15:00	15:15		Session 2			
15:15	15:30				Coffee Break	
15:30	15:45					
15:45	16:00					
16:00	16:15	Registration and Welcome Reception	Coffee Break	Coffee Break		
16:15	16:30					
16:30	16:45		Session 3 Workshop	Session 6 Workshops	Excursions	
16:45	17:00					
17:00	17:15					
17:15	17:30					
17:30	17:45					
17:45	18:00					
18:00	18:15		Celebrating Ilan Salomon's Life and Achievements			
18:15	18:30					
18:30	18:45			Welcome Dinner	Farewell Dinner	
18:45	19:00					
19:00	19:15					
19:15	19:30					
19:30	19:45					
19:45	20:00					
20:00	20:15					
20:15	20:30					
20:30	20:45					
20:45	21:00					
21:00	21:15					
21:15	21:30					

16:00-18:00	***Sunday, 14th of July*** *: On-site Registration and Welcome Reception*	

Monday, 15 July

	Topic	1 **Advancement in Choice Analysis**	2 **Survey Design and Alternative Data Sources**	3 **Activity Based Analysis and Simulation**	4 **Car Ownership Model and EV**	5 **Active Mobility**	6 **Public Transport Planning**	7 **Teleworking, E-Shopping, and Gig Economy**	8 **Complexities in Values and Attitudes and Life Events**	9 **Governance and Policy**	10 **Shared Mobility**	11 **Built Environment and Spatial Analysis**	12 **Emerging Transport Modes and Issues**	13 **Multimodal Transport Planning**	14 **VR-based Analysis**	15 **Workshops**
09:00 - 09:30	*Opening and Housekeeping (Room: Audimax)*															
09:30 - 10:30	*Welcome Speech and Opening Plenary (Room: Audimax)*															
10:30 - 11:00	*Coffee Break*															
Session 1: (11:00-12:30)		***1.1*** Advanced Models and Estimation Methods I *HS06*	***1.2*** Advancing Household Travel and Activity Diary Surveys *HS03*	***1.3*** Time Allocation and Activity Participation *SR07*	***1.4*** EV Charging Infrastructure Planning *SR08*	***1.5*** Built Environment and Pedestrians' Behaviours *HS01*	***1.6*** COVID Effects to Public Transport *HS05*	***1.7*** Teleworking and Activity-Travel Patterns *SR06*	***1.8*** Measuring Travel Satisfaction *HS02*	***1.9*** Measuring Equity Impacts *SR05*	***1.10*** Characteristics and Behaviours of Ride-Hailing Users *BIG HS*	***1.11***	***1.12***	***1.13***	***1.14***	***1.15***
12:30 - 13:30	*Lunch Break*															
13:30 - 15:00	*Plenary Session + IATBR Business Meeting (Room: Audimax)*															
Session 2: (15:00-16:00)		***2.1***	***2.2*** Evaluating Choices from Novel Data Sources *HS03*	***2.3***	***2.4*** Car Ownership Behaviours I *SR08*	***2.5*** Bicycle Route Choice Modeling *HS01*	***2.6*** Smart Card Data and Public Transport I *HS05*	***2.7*** Digitalisation and Behavioural Change *SR06*	***2.8*** Intervention and Behavioural Change *HS02*	***2.9*** Stakeholders' Behaviours and Decarbonisation Policies *SR05*	***2.10*** Heterogenity and Uncertainty in Sharing Mobility Systems *BIG HS*	***2.11*** Built Environment and Choice Behaviours *HS06*	***2.12*** Building Resilience Community *SR04*	***2.13*** Information, Social Network and Travel Choices *SR07*	***2.14***	***2.15***
16:00 - 16:30	*Coffee Break*															
Session 3: (16:30-18:00)		***3.1*** Advance Models and Estimation Method II *HS06*	***3.2*** Utilising Open Source Data to Improve Planning Process *HS03*	***3.3*** Advancing Agent Based Model Application *SR07*	***3.4*** Car Ownership Behaviours II *SR08*	***3.5*** Willingness to Cycle *HS01*	***3.6*** Quality of Public Transport *HS05*	***3.7*** Teleworking and Location Choice *SR06*	***3.8*** Life Events and Long-term Behavioural Changes *HS02*	***3.9***	***3.10*** Exploring MaaS Users Profile and Behaviours *BIG HS*	***3.11***	***3.12*** Key Determinants and Impacts of New Travel Modes *SR05*	***3.13***	***3.14***	***3.15*** Workshop 1* *SR04*
18:00 - 20:00	*Celebrating Ilan Salomon's Life and Achievements (Room: Ceremonial Hall)*															

Tuesday, 16 July

	Topic	1 **Advancement in Choice Analysis**	2 **Survey Design and Alternative Data Sources**	3 **Activity Based Analysis and Simulation**	4 **Car Ownership Model and EV**	5 **Active Mobility**	6 **Public Transport Planning**	7 **Teleworking, E-Shopping, and Gig Economy**	8 **Complexities in Values and Attitudes and Life Events**	9 **Governance and Policy**	10 **Shared Mobility**	11 **Built Environment and Spatial Analysis**	12 **Emerging Transport Modes and Issues**	13 **Multimodal Transport Planning**	14 **VR-based Analysis**	15 **Workshops**
09:00 - 10:00	*Plenary Session (Room: Audimax)*															
10:00 - 10:30	*Coffee Break*															
Session 4: (10:30-12:00)		***4.1*** Machine Learning and Choice Modelling I *HS06*	***4.2*** Location-based Data and Mobility Analysis I *HS03*	***4.3*** Modelling Time-use and Time-allocation *BIG HS*	***4.4*** Smart Charging and V2G Technology Acceptance *SR08*	***4.5*** Bike Infrastructure and Technologies *HS01*	***4.6*** Revisiting Determinants of Public Transport Usage *HS05*	***4.7*** Teleworking in Post-Pandemic Era *SR06*	***4.8*** Capturing Attitudes and Contexts *HS02*	***4.9***	***4.10*** Identifying Mobility Patterns of MaaS Users *SR07*	***4.11***	***4.12***	***4.13*** Internal and External Factors of Micromobility Demand *SR05*	***4.14***	***4.15*** Workshop 2* *SR04*
12:00 - 13:00	*Lunch Break*															
13:00 - 14:30	*Scientific Presentations by Eric Pas Winners (Room: Audimax)*															
Session 5: (14:30-16:00)		***5.1*** Improvements of Estimation in Choice Modelling *HS06*	***5.2***	***5.3*** Agent-based Simulation for Policy Evaluation I *BIG HS*	***5.4*** Adoption and Discontinuation of EVs I *SR08*	***5.5*** Children Active Travel Behaviours *HS01*	***5.6*** Public Transport Service Evaluation and Simulation *HS05*	***5.7***	***5.8*** Pro-environmental Policies vs Human Behaviours *HS02*	***5.9***	***5.10*** Willingness to Pay for Shared Mobility Services *SR07*	***5.11***	***5.12*** The Demand of New Aerial and Water Transport Modes *SR04*	***5.13***	***5.14***	***5.15*** Workshop 3 (SR06), 4 (HS03), 5 (SR05)*
16:00 - 16:30	*Coffee Break*															
Session 6: (16:30-18:00)		***6.1*** Machine Learning and Choice Modelling II *HS06*	***6.2***	***6.3*** Agent-based Simulation for Policy Evaluation II *BIG HS*	***6.4*** Exploring the EV Usage Behaviours I *SR08*	***6.5*** Defininig Active Travel and Its Drivers *HS01*	***6.6*** Free and Low Fare Public Transport Evaluation *HS05*	***6.7***	***6.8*** Social Norm and Social Network Analyses *HS02*	***6.9***	***6.10*** MaaS Adoption and Usage among Young Travelers *SR07*	***6.11***	***6.12***	***6.13***	***6.14***	***6.15*** Workshop 3 (SR06), 4 (HS03), 5 (SR05)*
18:30 - 21:30	*Welcome Dinner at Rathaus (Food will be served at 19:00)*															

Wednesday, 17 July	Topic	1 **Advancement in Choice Analysis**	2 **Survey Design and Alternative Data Sources**	3 **Activity Based Analysis and Simulation**	4 **Car Ownership Model and EV**	5 **Active Mobility**	6 **Public Transport Planning**	7 **Teleworking, E-Shopping, and Gig Economy**	8 **Complexities in Values and Attitudes and Life Events**	9 **Governance and Policy**	10 **Shared Mobility**	11 **Built Environment and Spatial Analysis**	12 **Emerging Transport Modes and Issues**	13 **Multimodal Transport Planning**	14 **VR-based Analysis**	15 **Workshops**
	09:00 - 10:30	*Scientific Presentations by LAA Winners (Room: Audimax)*														
	10:30 - 10:45	*Coffee Break*														
	Session 7: (10:45-12:05)	***7.1*** Design of Choice Models *HS06*	***7.2*** Location-based Data and Mobility Analysis II *HS03*	***7.3*** Activity Scheduling and Time-space Prisms *BIG HS*	***7.4*** Exploring the EV Usage Behaviours II *SR08*	***7.5*** Changes and Interactions in Walking Behaviours I *HS01*	***7.6*** Public Transport Users' Behaviours *HS05*	***7.7***	***7.8*** Multitasking Behaviour whilst Travelling *HS02*	***7.9***	***7.10*** Barriers and Discontinuation of MaaS Usage *SR07*	***7.11***	***7.12*** Trip Making Processes and its Complexity *SR06*	***7.13*** Air Travel and Long Distance Trip I *SR05*	***7.14***	***7.15*** Workshop 6* *SR04*
	12:05 - 13:05	*Lunch Break*														
	13:05 - 14:05	*Plenary Session (Room: Audimax)*														
	Session 8: (14:10-15:10)	***8.1***	***8.2***	***8.3*** Data Driven Simulation and Behavioural Analysis *BIG HS*	***8.4*** Adoption and Discontinuation of EVs II *SR08*	***8.5*** Changes and Interactions in Walking Behaviours II *HS01*	***8.6*** Travel Satisfaction among Shared Modes' Users *HS05*	***8.7*** E-Shopping Behaviours *SR06*	***8.8*** Trends and Collective Knowledge in Travel Behaviour Research *HS02*	***8.9***	***8.10*** Mobility during Hardship Periods *SR07*	***8.11*** Spatial Locations and Behavioural Change *HS03*	***8.12***	***8.13*** Time Valuation and Pricing Design *SR05*	***8.14*** Advancing Behavioural Understanding through VR Experiment I *SR04*	***8.15*** Workshop 7* *HS06*
	15:10 - 16:15	*Coffee Break*														
	15:30 - 18:15	*Excursions*														
	18:30 - 21:30	*Farewell Dinner at LuftBurg im Prater (Food will be served at 19:00)*														

Thursday, 18 July	Topic	1 **Advancement in Choice Analysis**	2 **Survey Design and Alternative Data Sources**	3 **Activity Based Analysis and Simulation**	4 **Car Ownership Model and EV**	5 **Active Mobility**	6 **Public Transport Planning**	7 **Teleworking, E-Shopping, and Gig Economy**	8 **Complexities in Values and Attitudes and Life Events**	9 **Governance and Policy**	10 **Shared Mobility**	11 **Built Environment and Spatial Analysis**	12 **Emerging Transport Modes and Issues**	13 **Multimodal Transport Planning**	14 **VR-based Analysis**	15 **Workshops**
	09:00 - 10:00	*Plenary Session (Room: Audimax)*														
	10:00 - 10:30	*Coffee Break*														
	Session 9: (10:30-12:00)	***9.1***	***9.2***	***9.3***	***9.4***	***9.5***	***9.6*** Integration of Micro-mobilty and Public Transit *HS05*	***9.7***	***9.8*** Older Travellers and Mobility of Care *HS02*	***9.9*** Transport and Extreme Weather Conditions *SR05*	***9.10*** Collaborative Mobility-Sharing Systems *SR07*	***9.11*** Impacts of Residential Relocation: Longitudinal Analysis *HS06*	***9.12*** Exploring AV Users' Needs *SR08*	***9.13*** Air Travel and Long Distance Trip II *HS03*	***9.14*** Advancing Behavioural Understanding through VR Experiment II *HS01*	***9.15*** Workshop 8 (SR 6)*, Special Event of EAABM (SR 7)
	12:00 - 13:00	*Lunch Break*														
	Session 10: (13:00-14:30)	***10.1*** Disruption and Values in Choice Modelling *SR03*	***10.2*** Location-based Data and Mobility Analysis III *HS03*	***10.3*** System Level Impacts of Pricing Design *BIG HS*	***10.4***	***10.5*** Better Planning for Active Mobility *SR04*	***10.6*** Smart Card Data and Public Transport II *HS05*	***10.7***	***10.8*** Framing and Gamification in Behavioural Change *HS02*	***10.9*** National Decarbonising Policies *SR05*	***10.10*** Sharing Mobility in Challenging Circumstances *SR07*	***10.11*** Modelling Residential Choice Behaviours *HS06*	***10.12*** Revisiting the Impacts of AVs *SR08*	***10.13*** Parking Planning and Multimodality *SR06*	***10.14*** Advancing Behavioural Understanding through VR Experiment III *HS01*	***10.15***
	14:30 - 16:00	*Closing Ceremony (Room: Audimax)*														

Workshops		
	Workshop 1	**Trends in Time, Travel, Transit, and Telework: The Future Reimagined,** organized by Ram Pendyala and Steve Polzin (Arizona State University), and Abdul R. Pinjari (Indian Institute of Science, Bengaluru)
	Workshop 2	**EU Living Labs for Co-designing Innovative Transport and Logistics Solutions to address Climate Change. Insights from 6 EU-Funded Projects,** organised by Amalia Polydoropoulou and Maria Karatsoli (University of Aegean)
	Workshop 3	**From imagination to implementation: The evolution of user preference research for automated vehicles in real-world operations,** organised by Viktoriya Kolarova, Andrea L. Hauslbauer, Dimitris Milakis (DLR), Yoram Shiftan (Technion), Amanda I.B. Stathopoulos (Northwestern University), Barbara Lenz (Humboldt University), and Elisabetta Cherchi (Newcastle University)
	Workshop 4	**Travel Behavior Research: Are we in Crisis?** organized by Joan Walker and Carlos Guirado (University of California, Berkeley)
	Workshop 5	**Introducing Spatial Availability for Singly-Constrained Accessibility Analysis: Theory and Open Source Tools,** organised by Antonio Paez (McMaster University)
	Workshop 6	**Travel behavior research agenda with panel data,** organised by Maarten Kroesen (TU Delft) and Milad Mehdizadeh (NTNU)
	Workshop 7	**Understanding choice modellers' workflows: hands-on experience using a serious game,** organised by Gabriel Nova, Sander van Cranenburgh (TU Delft), Stephane Hess (University of Leeds)
	Workshop 8	**Insights on User Potentials and Needs for Policy Design to Motivate Switch to Climate-Neutral Mobility – Lessons from Austria and Beyond,** organised by Stefan Seer (AIT Austrian Institute of Technology) with support of the Austrian Federal Ministry of Climate Action (BMK)

More information regarding the Workshops can be found in the IATBR website!

Monday 15th of July
Session 1 (11:00 - 12:20)

1.1 - Advanced Models and Estimation Methods I (Chair: Sung Hoo Kim)

Start	End	ID	Authors	Title
11:00	11:20	6853	Chandra Bhat, Mehek Biswas, Najeebul Feroz Malik, Abdul R Pinjari	The use of pooled SP-RP choice data to simultaneously identify alternative attributes and random coefficients on those attributes
11:20	11:40	7118	Bastián Henríquez-Jara, C. Angelo Guevara, Marcela Munizaga	The Experience Based Choice Model Monte Carlo estimation and microeconomic exploration
11:40	12:00	7310	Thijs Dekker, Stephane Hess	Generalisations of the Expectation-Maximisation algorithm for choice modelling and the role of starting values
12:00	12:20	6669	Sung Hoo Kim, Patricia Mokhtarian	Latent class models with an error structure: Investigating potential unobserved associations between latent segmentation and behavior generation

1.2 - Advancing Household Travel and Activity Diary Surveys (Chair: Mohammad Haghighi)

Start	End	ID	Authors	Title
11:00	11:20	6955	Mathilde Moliner, Chris Harding, Hamzeh Alizadeh	Modernizing Household Travel Surveys Post-Pandemic: Accounting for Evolving Travel Trends, Response Customs and Sample Frames, as well as Technological Advancements
11:20	11:40	6808	Melvyn Li, Khandker Nurul Habib, Kaili Wang, Yicong Liu	Deriving Weeklong Activity-Travel Dairy from Google Location History: Survey Tool Development and A Field Test in Toronto
11:40	12:00	6761	Maliheh Tabasi, Amarin Siripanich, Nazmul Arefin Khan, Joshua Auld, Taha Hossein Rashidi	GPS-based smartphone integrated travel diary and time-use data collection: lessons learned and preliminary results
12:00	12:20	6975	Mohammad Haghighi, Eric J. Miller, Shuoyan Xu, Ladan Berahman, Ziyue 'Davia' Dong	Week-Long Activity-Trip Diary Data Collection Using a Smartphone Application: Design and Implementation of the “THATS” Survey

1.3 - Time Allocation and Activity Participation (Chair: Bhuvanachithra Chidambaram)

Start	End	ID	Authors	Title
11:00	11:20	7031	Qiuju Xue, Maarten Kroesen, Baiba Pudane	How time-use trends explain travel behaviour: A systematic review
11:20	11:40	6729	Konstadinos Goulias, Kadin Rascoe	Exploring Time Allocation and Travel Behavior in Qatar Using Sequence Alignment and Multivariate Data Analysis
11:40	12:00	7501	Liz Ampt	Time, Location and Allocation rather than /instead of Mode – better understanding and measuring travel behaviour
12:00	12:20	7155	Bhuvanachithra Chidambaram, Joachim Scheiner	Commuting, travel time use and work-family conflict – Exploring the links for single earner and dual earner households in Germany

1.4 - EV Charging Infrastructure Planning (Chair: Rongqiu Song)

Start	End	ID	Authors	Title
11:00	11:20	7281	Debapriya Chakraborty, David Bunch, Stefan Eriksen Mabit	Preferences for public electric vehicle charging infrastructure for routine and long-distance charging needs
11:20	11:40	6677	Milad Mehdizadeh, Trond Nordfjærn, Christian A. Klöckner	Plugged-in mobility: willingness to accept vehicle-to-grid technology
11:40	12:00	6913	Francesca Bruno, Stefano de Luca, Roberta Di Pace, Maria Pia Valentini, Valentina Conti, Natascia Andrenacci	“To Recharge or not Recharge?”: modeling drivers' preferences in an urban public charging network
12:00	12:20	7331	Rongqiu Song, Dimitris Potoglou	Public Charging Preferences of Potential and Existing Electric Vehicle Users in Great Britain

1.5 - Built Environment and Pedestrians' Behaviours (Chair: Cassiano Augusto Isler)

Start	End	ID	Authors	Title

11:00	**11:20**	7215	Lisa Marie Brunner, Gülin Göksu Başaran, Christian A. Klöckner, Otto Anker Nielsen, Jesper Ingvardson, Sonja Haustein, Helge Hillnhütter	Perceptions of built urban environments – an investigation of micro-scale walkability and affective experiences
11:20	**11:40**	6683	Anna-Lena van der Vlugt, Jonas De Vos, Katrin Lättman, Edward Prichard, Noriko Otsuka, Janina Welsch	Analysing the determinants of perceived walkability, and its effects on walking
11:40	**12:00**	7274	Hamed Naseri, Francesco Ciari, Cassiano Augusto Isler	Influence of Pedestrianization on Travel Behavior Changes: a Case Study of Montreal

1.6 - COVID Effects to Public Transport (Chair: Maarten Kroesen)

Start	End	ID	Authors	Title
11:00	**11:20**	6809	Ahmed El-Geneidy, Thiago Carvalho	Everything has changed: The impacts of the COVID-19 pandemic on the transit market in Montréal, Canada
11:20	**11:40**	7209	Yuqian Lin	Assessing effects of pandemic-related policies on individual public transit travel patterns: A Bayesian online changepoint detection based framework
11:40	**12:00**	7298	Rumana Sarker, Graham Currie, James Reynolds	A new behavioural model explaining transit avoidance related to COVID-19 infection fear
12:00	**12:20**	6801	Maarten Kroesen, Jonas De Vos, Huyen Le, Danique Ton, Menno De Bruyn	Revealing latent trajectories of (intended) train travel during and after COVID-19

1.7 - Teleworking and Activity-Travel Patterns (Chair: Anna Reifffer)

Start	End	ID	Authors	Title
11:00	**11:20**	6695	Rui Colaco, João de Abreu e Silva	Assessing the effects between online and in-person activities: interactions between supermarket purchases, meal deliveries and telecommuting
11:20	**11:40**	7238	Cynthia Chen, Ram Pendyala, Kaitlyn Ng, Grace Jia, Ekin Ugurel, Brian Lee	COVID & Telecommuting-induced Changes in Individual Activity and Travel Patterns: Evidence from the Puget Sound Region
11:40	**12:00**	6998	Xinyi Wang, Patricia Mokhtarian	Analyzing the discrepancy between expected and observed teleworking frequency as we transition out of COVID: A Blinder-Oaxaca decomposition approach
12:00	**12:20**	7142	Katherine Asmussen, Xinyi Wang, Anna Reiffer	Cross-Country Comparison of Telework between Germany and the United States

1.8 - Measuring Travel Satisfaction (Chair: Jie Gao)

Start	End	ID	Authors	Title
11:00	**11:20**	6685	Jonas De Vos, Kailai Wang, Long Cheng, Mengqiu Cao, Ahmed El-Geneidy	Ease of travel, travel behaviour and travel satisfaction
11:20	**11:40**	7333	Jonas De Vos, Alvaro Rodriguez-Valencia, Hernan Alberto Ortiz Ramirez, Jose Agustin Vallejo-Borda, Pauline van den Berg, Ricardo Hurtubia	Satisfaction with the walking trip: A consequence of highly motivated walking
11:40	**12:00**	6756	Jonas De Vos, Ahmed El-Geneidy, Hisham Negm	Unlocking the role of travel mode preference in commuter satisfaction
12:00	**12:20**	6723	Jie Gao, Toshiyuki Yamamoto, Hitomi Sato, Marco Helbich	The quasi-longitudinal relationship between residential dissonance and changes in travel satisfaction: Evidence from dual-earner couples in Japan

1.9 - Measuring Equity Impacts (Chair: Tat Srisan)

Start	End	ID	Authors	Title
11:00	11:20	7134	Aakansha Jain	Transport disadvantage, access to non-work opportunities, and life satisfaction: A mixed-methods exploration
11:20	11:40	7090	Erik Huang, Amanda Stathopoulos, Amy Hofstra	Utilization of subjective equity standards within a discrete choice modeling framework: An examination for transit equity planning and analysis
11:40	12:00	7000	Shaila Jamal, Steven Farber, Ignacio Tiznado Aitken	Is online service usage more of a sociodemographic phenomenon? Exploring equity implications of online grocery, e-shopping, and restaurant delivery service usage in a suburban context
12:00	12:20	6918	Tat Srisan, Tierra Bills	Unveiling Implicit Choice Sets: Carless Households and Transportation Equity in Los Angeles County

1.10 - Characteristics and Behaviors of Ride-Hailing users (Chair: Shobhit Saxena)

Start	End	ID	Authors	Title
11:00	11:20	7243	Eeshan Bhaduri, Charisma Choudhury, Arkopal Goswami	Understanding the importance of subjective attributes in modelling ride-hailing choice for urban travellers
11:20	11:40	6713	Muchlis Muchlisin, Jaime Soza-Parra, Yusak Susilo, Dick Ettema	Unravelling the travel patterns of ride-hailing users: A latent class cluster analysis across income groups in Yogyakarta, Indonesia
11:40	12:00	6758	Sk. Md. Mashrur, Felita Ong, Khandker Nurul Habib, Patrick Loa	Transit Pass Ownership as a Potential Source of Heterogeneity in the Determinants of Ride-sourcing Use in Metro Vancouver
12:00	12:20	7199	Chiara Calastri, Shobhit Saxena, Julia Bennel, Christine Currie, Rym M'Hallah	User preferences and acceptability of Demand-Responsive transport

Session 2 (15:00 - 16:00)

2.2 - Evaluating Choices from Novel Data Sources (Chair: Reo Kizaki)

Start	End	ID	Authors	Title
15:00	15:20	6712	Angelica Andersson, Ida Kristoffersson, Andrew Daly, Maria Bratt Börjesson	Mode choice estimation on joint travel survey and mobile phone network data
15:20	15:40	6857	Danique Ton, Gert De Wit	The potential of shared e-bikes for the last mile
15:40	16:00	6890	Reo Kizaki, Yuki Oyama, Shintaro Terabe, Yu Suzuki, Hideki Yaginuma	Evaluation of street space development based on a pedestrian route choice model considering street landscape

2.4 - Car Ownership Behaviours I (Chair: Jason Hawkins)

Start	End	ID	Authors	Title
15:00	15:20	6773	Annesha Enam	An Exploration of post-COVID Household Vehicle Ownership in the USA using Panel Data: An Application of Generalized Ordered Logit Model
15:20	15:40	7114	Mwendwa Kiko, Eric J. Miller, Mohammad Haghighi	The Interaction of Short-run Travel Behaviour and Long-run Vehicle Ownership: A study using a Multivariate Ordered Probit Model
15:40	16:00	6944	Omid Armantalab, Jason Hawkins, Riddhimoy Ghosh	Potential for Electric Vehicle Adoption in Midwest US States: A Stated Preference and Two-Stage Multi-Level Regression with Poststratification Study

2.5 - Bicycle Route Choice Modeling (Chair: Martin Haamer)

Start	End	ID	Authors	Title
15:00	15:20	7280	Abhilash Chandra Singh, Christopher Tsa-Kwet-Shin, Audrey J de Nazelle, Ahmadreza Faghih Imani	Bicycle route choice modelling using multi-city data
15:20	15:40	6621	Chengxi Liu, Ida Kristoffersson, Clas Rydergren, Fredrik Johansson, Annika Nilsson, Andreas Almroth	Bicycle route choice model for Gothenburg – impacts of measurement error on model estimation

15:40	**16:00**	6803	Martin Haamer, Jacek Pawlak, Aruna Sivakumar	Route Choice Modelling of E-bike Users in Urban Networks Based on GPS Data

2.6 - Smart Card Data and Public Transport I (Chair: Jacqueline Arriagada)

Start	End	ID	Authors	Title
15:00	**15:20**	7015	Charisma Choudhury, Yanping Wang, Huiyu Zhou, Thomas O. Hancock, Yacan Wang	Modelling the heterogeneity in preferences of subway passengers utilizing smart card data from Beijing
15:20	**15:40**	7276	Víctor Cantillo-García, Chiara Calastri, Haiyan Liu	Predicting the demand profile of public transport stations using smart card data: A functional data analysis approach in Bogotá
15:40	**16:00**	7056	Jacqueline Arriagada, Carlo Prato, Marcela Munizaga	Incorporating the inertia effect into a route choice model using fare transaction data from a large-scale public transport network

2.7 - Digitalisation and Behavioural Change (Chair: Giancarlos Parady)

Start	End	ID	Authors	Title
15:00	**15:20**	7156	Nadim Hamad, Hani Mahmassani, Divyakant Tahlyan, Ying Chen	The Emergence of Third Places beyond Central Cores
15:20	**15:40**	6751	Angela Haddad, Chandra Bhat	Telemedicine Adoption Before, During, and After COVID-19: The Role of Socioeconomic and Built Environment Variables
15:40	**16:00**	6782	Giancarlos Parady, Yuki Oyama, Makoto Chikaraishi	Text-aided modelling of group decision-making processes: An application to eating-out destination choice

2.8 - Intervention and Behavioural Change (Chair: Kiron Chatterjee)

Start	End	ID	Authors	Title
15:00	**15:20**	6987	Asal Mehditabrizi, Saeed Saleh Namadi, Anna Alberini, Cinzia Cirillo	Tackling EV Adoption Challenges: Insights from Refueling Behavior Analysis
15:20	**15:40**	7104	Alexandra Millonig, Florian Lorenz, Madgalena Bürbaumer, Lukas Tanzer, Florian Pühringer, Martin Berger	Individual Mobility Budgets for supporting behaviour change in a Living Lab in Vienna
15:40	**16:00**	7339	Kiron Chatterjee, Muhammad Adeel, Sarah Collings	The Travel Needs and Behaviour of Young People Between Adolescence and Adulthood

2.9 - Stakeholders' Behaviours and Decarbonisation Policies (Chair: Reihaneh Azhdar)

Start	End	ID	Authors	Title
15:00	**15:20**	7318	Alexandros Nikitas, Corneliu Cotet, Alexandra-Elena Vitel, Nikolaos Nikitas, Kalliopi Michalakopoulou, Carlo Prato	Contextualising Transport Stakeholders' Priorities for Mobility-as-a-Service: A Q-Method Analysi
15:20	**15:40**	6903	Oriol Marquet, Marta Fernández-Núñez, Jaime Orrego Oñate	Political Price or Premium? The Electoral Impact of Built Environment Transportation Strategies in Barcelona
15:40	**16:00**	6905	Reihaneh Azhdar, Adam Weiss	An Investigation into Mobility Tool Ownership for Condo Dwellers

2.10 - Heterogenity and Uncertainty in Sharing Mobility Systems (Chair: Maya Abou Zeid)

Start	End	ID	Authors	Title
15:00	**15:20**	7129	Xiaofeng Pan, Feixiong Liao	Effects of behavioral intention on travel preferences for electric car-sharing services
15:20	**15:40**	7033	Mengxia Li, Tao Feng	Decompose the Heterogeneous Choice Behavior under Uncertainty: An Exploration in P2P Car Sharing
15:40	**16:00**	7046	Mariam Saber, Arwa Awad, Maya Abou-Zeid, Victor Araman	Modeling the Demand and Simulating the Operation of a Mobile App-Based Carpooling Program for University Travel

2.11 - Built Environment and Choice Behaviours (Chair: Yu-Ting Hsu)

Start	End	ID	Authors	Title
15:00	15:20	6926	Kaitlyn Ng, Cynthia Chen, Gouri Shankar Mishra	Restaurant Preference Personas: Travel-based Motivations of Eating Out
15:20	15:40	7201	Ladan Berahman, Eric J. Miller, Mohammad Haghighi	Impact of Residential Parking on Mode Choice: A Tour-Based Modelling Approach Using THATS Data
15:40	16:00	7080	Po-Yu Chuang, Yu-Ting Hsu, Hsin-Cheng Shih	Exploring Residence-related and Mobility-related Choices among the Young Generation: in the Era of High Housing and Rental Prices

2.12 -Building Resilience Community (Chair: Ioannis Politis)

Start	End	ID	Authors	Title
15:00	15:20	6933	Elisa Borowski, Gretchen Bella, Amanda Stathopoulos	Leveraging food delivery programs as a community resilience resource: A demand-driven spatial and temporal analysis of need
15:20	15:40	6664	Thayanne Gabryelle Medeiros Ciriaco, Stephen D. Wong	Travel Behavior and Community Needs for Resilience Hubs
15:40	16:00	7112	Aristomenis Kopsacheilis, Ioannis Politis, Georgios Georgiadis	Factors influencing transport mode choice to access large-scale events

2.13 - Information, Social Network and Travel Choices (Chair: Alexander Roocroft)

Start	End	ID	Authors	Title
15:00	15:20	7063	Françeska Tomori, Stefanie Peer, Ben Wagner, Till Winkler	The Impact of Digital Mapping Tools on Mode Choice Decisions
15:20	15:40	6840	Benjamin Gramsch Calvo, Kay W. Axhausen	The Importance of the Social Environment in Leisure Destination Choice: An Analysis of1 Homophily using a Multinomial Logit Model
15:40	16:00	6880	Alex Roocroft, Baiba Pudane, Ludovic Leclercq, Caspar Chorus	What would it take for social routing schemes to pick up? Empirically grounded simulation for Lyon, France

Session 3 (16:30 - 17:50)

3.1 - Advance Models and Estimation Method II (Chair: Stephen McCarthy)

Start	End	ID	Authors	Title
16:30	16:50	6698	Laurent Cazor, David Paul Watling, Christopher Lawrence Duncan, Otto Anker Nielsen, Thomas Kjær Rasmussen	A novel choice model combining utility maximization and disjunctive decision rules – formulation and test on a bicycle case study
16:50	17:10	7087	David Palma, Sebastian Astroza, Juan Antonio Carrasco	An extended MDC model for simultaneous allocation of time and expenditure
17:10	17:30	7078	Makoto Chikaraishi, Varun Varghese, Lichen Luo, Yoshinao Ishii, Shintaro Fukushima	Analyzing Route Choice Behavior by Integrating Experience and Real-time Information with Instance-Based Learning Theory
17:30	17:50	6848	Stephen McCarthy, Fatemeh Naqavi, Anders Karlström	A recursive logit model for dynamic trip chaining

3.2 - Utilising Open Source Data to Improve Planning Process (Chair: Negar Alinaghi)

Start	End	ID	Authors	Title
16:30	16:50	6656	Manuela Canestrini, Negar Alinaghi, Ioanna Gogousou, Ioannis Giannopoulos	Public Transport Mobility Index in Simple Terms - An OpenStreetMap Approach
16:50	17:10	6735	Marco Diana, Giacomo Maria Benvenuti	An assessment of the coverage of public transport services related to night life travel demand through open-source data
17:10	17:30	7071	Mohamed Chaaben, Zachary Patterson, Nizar Bouguila	Wi-Fi Probe Requests for Crowd Counting at Bus Stations: A Selective Information Elements-based Approach

17:30	**17:50**	6672	Negar Alinaghi, Manuela Canestrini, Ioanna Gogousou, Ioannis Giannopoulos	Evaluating Mobility-Friendly Regions: An Algorithmic Look at Urban Mobility
3.3 - Advancing Agent Based Model Application (Chair: Prateek Bansal)				
Start	**End**	**ID**	**Authors**	**Title**
16:30	**16:50**	6774	Adrian Meister, Kay W. Axhausen, Milos Balac	Incorporating discrete route choice models into the agent-based simulations
16:50	**17:10**	6811	Kaili Wang, Khandker Nurul Habib	Validating Behavioural Predictability of Activity-based Model
17:10	**17:30**	7265	Federico Bigi, Francesco Viti	MOBIUS (Mobility Optimization Based on Iterative User Synthesis): an IPF/OD-sampling based Population Synthesizer
17:30	**17:50**	6965	Khoa Vo, Eui-Jin Kim, Prateek Bansal	A novel data fusion method to leverage passively-collected mobility data in generating spatially-heterogeneous synthetic population
3.4 - Car Ownership Behaviours II (Chair: Akshay Gupta)				
Start	**End**	**ID**	**Authors**	**Title**
16:30	**16:50**	7180	Md Shahadat Hossain, Mahmudur Fatmi, Annesha Enam	What Type of Vehicles Do Households Own? A Joint Model for Vehicle Body, Vintage, Fuel, and Technology Types
16:50	**17:10**	6832	Ilsu Kim, Patricia Mokhtarian, Giovanni Circella	Household Vehicle Ownership in the Post-COVID Era: Relationships with Work Patterns and Attitudes in Two US Metropolitan Areas
17:10	**17:30**	7188	Lawrence A. Alongu, Zia Wadud, Thomas O. Hancock, Gerard de Jong	A retrospective and prospective car transaction timing decisions' study for UK private-lease and -car owners
17:30	**17:50**	7037	Rupesh Kumar Yadav, Manoranjan Parida, Pushpa Choudhary, Akshay Gupta	Enhancing Urban Mobility: Comparative Analysis of Improvement Priorities for Conventional and Electric Buses in Kathmandu City
3.5 - Willingness to Cycle (Chair: Yangqian Cai)				
Start	**End**	**ID**	**Authors**	**Title**
16:30	**16:50**	6900	Annabell Baumgartner, Martin Lanzendorf, Nora Klinner	Does a conversion of car lanes into cycling lanes lead to changes in travel behaviour? Findings from a case study in Frankfurt am Main, Germany
16:50	**17:10**	7034	Manoj B.S., Kapil Meena, Hiral Panchal, Gajanand Sharma, Arkopal Goswami	An Integrated Choice Latent Variable (ICLV) Model to Assess the Willingness to Bicycle for First mile: A case of Mumbai Suburban Rail
17:10	**17:30**	7236	Miloš Mladenović, Draženko Glavić, Marina Milenković	Differences in willingness to cycle in South-East Europe: A perspective from Belgrade
17:30	**17:50**	7094	Yangqian Cai, Ana Tsui Moreno	The heterogeneity of preferences of leisure cyclists for rural highway environment: A hybrid-choice latent-class model
3.6 - Quality of Public Transport (Chair: Spencer Aeschliman)				
Start	**End**	**ID**	**Authors**	**Title**
16:30	**16:50**	6874	Armando Cartenì, Laura Eboli, Antonella Falanga, Ilaria Henke, Gabriella Mazzulla	Have passengers' new habits during COVID-19 changed public transport perceived quality? Remarks from an Italian case study.
16:50	**17:10**	6820	John Rose, Matthew Beck	Measuring transit service quality using Anchored Best-Worst Scaling
17:10	**17:30**	7303	Rumana Sarker, Graham Currie, James Reynolds	Is personal safety (fear of crime and anti-social behaviour) a major contributor to post-pandemic transit avoidance?
17:30	**17:50**	7089	Spencer Aeschliman, Amanda Stathopoulos	Counterproductive safety interventions? Satisfaction and safety policy trade-offs in post-pandemic transit ridership
3.7 - Teleworking and Location Choice (Chair: Andre L. Carrel)				
Start	**End**	**ID**	**Authors**	**Title**
16:30	**16:50**	7307	Veronique Van Acker, Corinne Mulley	"Should I stay or should I go ?" How teleworking impacts on employees' intention to move homes

16:50	**17:10**	6896	Yicong Liu, Khandker Nurul Habib, Eric J. Miller, Saeed Shakib	Analyzing Post-Pandemic Residential Preferences and Telecommuting-Induced Dissonance Using Latent Class Discrete Choice Model
17:10	**17:30**	7016	Jieyuan LAN, Tao Feng	Role of remote working centers in hybrid workstyle culture: A stated preference analysis
17:30	**17:50**	7269	Harsh Shah, Huyen Le, Andre L. Carrel	Remote Revolution: How does teleworking reshape work and non-work tours across different modes and travel styles?

3.8 - Life Events and Long-term Behavioural Changes (Chair: Henrik Johansson Rehn)

Start	End	ID	Authors	Title
16:30	**16:50**	7293	Francesco Piras, Italo Meloni, Giovanni Tuveri, Massimiliano Bez, Eleonora Sottile	On the evolution of individuals' travel mode choices over time: evidence from a panel analysis
16:50	**17:10**	6966	Roel Faber, Eric Molin, Sander van Cranenburgh, Maarten Kroesen	Estimating the effects of life-events and changes in mobility tool ownership on mode choice behaviour
17:10	**17:30**	6726	Shihang Zhang, Jie Gao, Toshiyuki Yamamoto, Hitomi Sato, Eva Heinen	The Influence of Life Events on the Attitude-Behavior Relationship Among Household Couples: A Longitudinal Study
17:30	**17:50**	6934	Henrik Johansson Rehn, Lars E. Olsson, Margareta Friman	Life events and routine transitions: Where is the window of opportunity?

3.10 - Exploring MaaS Users Profile and Behaviours (Chair: Eric J. Miller)

Start	End	ID	Authors	Title
16:30	**16:50**	6638	Domokos Esztergár-Kiss, Julio C Lopez Lizarraga	A Stated Preference Survey on New Mobility Solutions
16:50	**17:10**	6697	Hauke Reckermann, Matthias Kowald, Konstantin Krauss	Exploring the determinants of micromobility mode choice: An application of Hybrid Choice Modelling
17:10	**17:30**	6747	Mario Intini, Angela Stefania Bergantino, Lucia Rotaris	Urban sharing mobility services for sustainable and accessible cities
17:30	**17:50**	6964	Shuoyan Xu, Eric J. Miller, Mohammad Haghighi	Accessing Travellers' Preferences in Multimodal Transport: A Comprehensive Analysis of Emerging Modes and Behavioural Patterns

3.12 - Key Determinants and Impacts of New Travel Modes (Chair: Fatemeh Fakhrmoosavi)

Start	End	ID	Authors	Title
16:30	**16:50**	7198	Sayed Faruque, Grigorios Fountas, Achille Fonzone	Joint Analysis of Determinants for non-shared and shared Driverless Car use in Edinburgh applying Multinomial Logit model
16:50	**17:10**	7074	Qing Li, Feixiong Liao, Yuting Liu, Ke Lu	Sequential behavioural intention to purchase and share personally-owned autonomous vehicles
17:10	**17:30**	7314	Sajad Askari, Abolfazl Mohammadian, Mohammadjavad Javadinasr, Farid Peiravian	Addressing the relationship between service quality and behavioral intention among the user of shared e-scooter services
17:30	**17:50**	7225	Kentaro Mori, Kara Kockelman, Krishna Murthy Gurumurthy, Fatemeh Fakhrmoosavi, Pedro Camargo	How does network complexity impact sav fleet operations? Comparing complete and incomplete networks

Tuesday 16th of July

Session 4 (10:30 - 11:50)

4.1 - Machine Learning and Choice Modelling I (Chair: Siqi Feng)

Start	End	ID	Authors	Title
10:30	10:50	6714	HYUKSEONG LEE, JINHEE KIM	Modelling Car-Sharing Mode Choice Behavior in the Context of Trip-Chaining Using a Bidirectional Deep Recurrent Neural Network
10:50	11:10	7122	Joel Fredriksson, Anders Karlström	A neural network travel demand model - Applying long short-term memory to remember previous actions
11:10	11:30	7300	Shuoyan Xu, Eric J. Miller, Mohammad Haghighi	Predicting Preferences for Mobility as a Service Bundles: A Multimodal Deep Learning Approach Using a Comprehensive Dataset
11:30	11:50	6888	Siqi Feng, Rui Yao, Shenhao Wang, Joan Walker, Stephane Hess, Ricardo Daziano, Timothy Brathwaite	Deep neural networks for choice analysis: Enhancing behavioral regularity with gradient regularization

4.2 - Location-based Data and Mobility Analysis I (Chair: Takumi Ban)

Start	End	ID	Authors	Title
10:30	10:50	7093	Clémence de Rolland, Caroline Bayart, Patrick Bonnel, Jean Coldefy	Aggregated mobile phone data: understanding the mobility patterns in Lyon, France
10:50	11:10	6976	Mohammad Haghighi, Mohammad Amin Abedini, Eric J. Miller	Overcoming the Challenges of Full-Household Smartphone-Based Activity-Travel Diary Surveys
11:10	11:30	6929	Annesha Enam, Kaiser Hamid, Sayeem Noor, Samiul Hasan	Assessing the Potential of Google Location History (GLH) Data for Travel Behavior Research in the Context of Developing Country
11:30	11:50	6982	Takumi Ban, Toshiyuki Yamamoto	Homogeneity-based Zoning Method using Aggregated Mobile Phone GPS Data

4.3 - Modelling Time-use and Time-allocation (Chair: Md Asif Hasan Anik)

Start	End	ID	Authors	Title
10:30	10:50	6708	Baiba Pudane	Multitasking and fragmentation in the future of work: A time-use model
10:50	11:10	6995	Pablo Reyes-Polanco, David Palma, Sebastian Astroza, Juan Antonio Carrasco, Sergio Jara-Diaz	Time-Use and Value of Time under Heterogeneous Activity Participation: Latent Class Application for Activity Mix Choice
11:10	11:30	7181	Roger Chen, Ahmadreza Azizzadeh	Personal Activity Queue Inference: Assessing the Stress and Workloads of Travelers
11:30	11:50	7113	Md Asif Hasan Anik, Muhammad Ahsanul Habib	Activity Participation and Time Allocation: Fragmentation into Physical and Virtual Environment

4.4 - Smart Charging and V2G Technology Acceptance (Chair: Emma Hopkins)

Start	End	ID	Authors	Title
10:30	10:50	6984	Siqi Feng, Ricardo Daziano, Bassel Sadek, Kathryn Schumacher	Unveiling preferences for smart electric-vehicle charging programs
10:50	11:10	7052	Elham Hajhashemi, Patricia Lavieri, Shanna Lucchesi, Ana Margarita Larranaga	Can Smartphone Apps Mitigate Risk Perception Among Users of Electric Vehicle Smart Charging?
11:10	11:30	6744	Matthew Dean, Kara Kockelman	Who is willing to smart-charge their EV and when? Americans' willingness to use V1G and V2G charging
11:30	11:50	7282	Emma Hopkins, Dimitris Potoglou, Scott Orford, Liana Cipcigan	Could a universal metric be created to measure charging access to support equity in the rollout of electric vehicle charging infrastructure?

4.5 - Bike Infrastructure and Technologies (Chair: Koichi Ito)

Start	End	ID	Authors	Title
10:30	10:50	7041	Dimitrios Argyros, Jeppe Rich, Sagi Dalyot, Anders Fjendbo Jensen	Riding Smooth: A Benefit-Cost Assessment of Surface Quality on Copenhagen’s Bicycle Routes

10:50	**11:10**	7021	Georgios Kapousizis, Karst Geurs, Baran Ulak	Are Dutch e-bike users willing to pay more for smart bicycle technologies to increase safety?
11:10	**11:30**	7270	Jerome Laviolette, Zahra Zarabi, E. Owen D. Waygood, Kevin Manaugh	“What do you think of the cycling infrastructure in your neighbourhood?” A stage-of-change perspective
11:30	**11:50**	6796	Prateek Bansal, Koichi Ito, Filip Biljecki	Examining the causal impacts of the built environment on cycling activities using time-series street view imagery

4.6 - Revisiting Determinants of Public Transport Usage (Chair: Xingxing Fu)

Start	End	ID	Authors	Title
10:30	**10:50**	7054	Meredith Alousi-Jones, Ahmed El-Geneidy	Measuring the Influence of Personal-time-based Accessibility on Frequency of Public Transit Use among Older Adults across Canada
10:50	**11:10**	6821	Prawira Fajarindra Belgiawan, Muhamad Rizki, Maya Safira, Clint Gunawijaya, Indira Adzhani, Vivian Alvianti, Wilmar Salim, Henndy Ginting	The effect of reference group on intention to use public transport
11:10	**11:30**	7083	Rodrigo Victoriano-Habit, Ahmed El-Geneidy	Why are they leaving the public transport? A panel perspective of changes in transit-use patterns between 2019, 2021, and 2022 in Montréal, Canada
11:30	**11:50**	6885	Xingxing Fu, Dick Ettema, Dea van Lierop	The travel contexts of different forms of multimodality: A latent class analysis

4.7 - Teleworking in Post-Pandemic Era (Chair: Doina Olaru)

Start	End	ID	Authors	Title
10:30	**10:50**	6778	Yongsung Lee, Giovanni Circella	Activity-travel patterns on remote-only workdays and remote-work adoption in the post-pandemic era
10:50	**11:10**	7007	Ziyue 'Davia' Dong, Eric J. Miller	Post-pandemic discretionary activity participation in a flexible work future: A comparative study between pre- and post-pandemic eras among remote, on-site, and hybrid workers
11:10	**11:30**	6748	Katherine Asmussen, Chandra Bhat, Angela Haddad	Teleworking to Play or Playing to Telework? A Latent Segmentation Approach to Exploring the Relationship Between Telework and Nonwork Trave
11:30	**11:50**	6765	Doina Olaru, Brett Smith, Tristan Reed, Sharon Biermann	Travel and satisfaction changes in response to working from home (WFH) in Perth, WA

4.8 - Capturing Attitudes and Contexts (Chair: Xinyun Lao)

Start	End	ID	Authors	Title
10:30	**10:50**	6790	Lars E. Olsson, Margareta Friman	Self-reported dilemmas in choices of daily travel
10:50	**11:10**	6891	Lorenzo Muñoz, Sebastian Astroza, Alejandro Tudela, Maximiliano Lizana	Evaluation of Endogeneity Due to the Omission of Psychosocial Variables in Mode Choice
11:10	**11:30**	6742	Jason Soria, Patricia Mokhtarian	Using marker statements to impute attitudes: evaluating their efficacy in vehicle ownership models
11:30	**11:50**	6668	Xinyun Lao, Yu Shen, Jing Cao, Yuxiong Ji, Yuchuan Du	Does Implicit Attitude Affect Travel Mode Choice Behaviours? A Study of Customized Bus Attraction to Urban Railway Riders

4.10 - Identifying Mobility Patterns of MaaS Users (Chair: Mohamed Abouelela)

Start	End	ID	Authors	Title
10:30	**10:50**	6990	Yue Wang, Toshiyuki Yamamoto, Meilan Jiang	Understanding User’s Preferences on Micro-Electric Vehicle Sharing Services in Sightseeing Destinations in Japan

10:50	**11:10**	6704	Muhammad Zudhy Irawan, Muhamad Rizki, Prawira Fajarindra Belgiawan, Tri Basuki Joewono, Hironori Kato	Transition to electric motorcycle-based ride-hailing: User heterogeneity, perception, and pro-environmental habits change in post-COVID-19
11:10	**11:30**	7326	Xiatian Iogansen, Basar Ozbilen, Aurojeet Jena, Lukas Burger, Miriam Magdolen, Andreas Rall, Bastian Chlond, Giovanni Circella, Thiemo Schalk, Frank Hansen	Clustering Mobility Patterns within the Mobility-as-a-Service (MaaS) Paradigm: Insights from the Los Angeles Region
11:30	**11:50**	6972	Mohamed Abouelela, Merindha Sekardani, Constantinos Antoniou	Pre- and Post-COVID-19 Factors Impacting Willingness to Pool and Successful Ride-Pooling

4.13 - Internal and External Factors of Micromobility Demand (Chair: Furqan Bhat)

Start	End	ID	Authors	Title
10:30	**10:50**	7177	Adam Weiss, Laura Weli	Negative Binomial Regression Trip-Generation Model on E-Scooter Trips in Calgary, Alberta of the 2019-2022 Calgary E-Scooter Pilot
10:50	**11:10**	6967	Rubina Singh, Mohammad Mehdi Oshanreh, Nazmul Arefin Khan, Don MacKenzie	How Do Trip Characteristics and Attitudinal Factors Influence Micromobility Mode Choice Behavior?
11:10	**11:30**	7206	Furqan Bhat, Ashish Verma	Electromobility in India: Unravelling the Determinants of Electric Two-Wheeler Adoption in India using Discrete Choice Modelling Approach
11:30	**11:50**	6861	Nidhi Kathait, Amit Agarwal	Predicting Adoption of Bicycle-Sharing System in India: A Hybrid SEM-ANN Approach

Session 5 (14:30 - 16:00)

5.1 - Improvements of Estimation in Choice Modelling (Chair: Nicolas Salvadé)

Start	End	ID	Authors	Title
14:30	**14:50**	6793	Melvin Wong, Feixiong Liao	Improving the neural-embedded discrete choice model (TasteNet) to capture inter- and intra-personal random taste heterogeneity
14:50	**15:10**	7297	Stephane Hess, David Bunch, Andrew Daly	Identifying and avoiding poor local optima in choice models for travel behaviour analysis: a profile likelihood approach
15:10	**15:30**	7085	Shadi Haj-Yahia, Omar Masnour, Tomer Toledo	Grammar-Driven Utility Specification: A Grammatical Evolution Approach for Discrete Choice Models
15:30	**16:00**	6917	Nicolas Salvadé, Tim Hillel	RUMBoost: a Gradient Boosting Random Utility Model for Predicting Travel Choices

5.3 - Agent-based Simulation for Policy Evaluation I (Chair: Ricardo Ewert)

Start	End	ID	Authors	Title
14:30	**14:50**	7249	Negar Rezvany, Tim Hillel, Michel Bierlaire	Integration of group decision-mechanisms into activity-based models
14:50	**15:10**	6909	Cloe Cortes Balcells, Michel Bierlaire	Travel Behavior and Individual Choices in Infectious Disease Spread: Enhancing Activity-Based Models with Awareness and Testing Dynamics
15:10	**15:30**	6847	Yusfita Chrisnawati, Yusak Susilo, Reinhard Hössinger, Gunnar Flötterod	Travel Behavior Simulation Based Mobility Hub Placement
15:30	**16:00**	6922	Ricardo Ewert, Kai Nagel	Investigating different strategies for within day bus parking using a agent-based traffic simulation - A Case Study of Berlin

5.4 - Adoption and Discontinuation of EVs I (Chair: Bruno Cesar Krause Moras)

Start	End	ID	Authors	Title
14:30	**14:50**	6899	Jae Hyun Lee, Jiyun Shim, Scott Hardman	Comprehensive Analysis of Electric Vehicle (EV) Discontinuation: Assessing Satisfaction with Replacement Vehicles from Multiple Angles
14:50	**15:10**	6959	Eui-Jin Kim, Prateek Bansal, Rubal Dua	How Many, Who, and Why would Discontinue Electric Vehicle Ownership: An International Comparison of the United States, China, and Germany

15:10	**15:30**	6759	Zoe Long, Jonn Axsen, Viviane Gauer	Who are the ZEV resistors? A comprehensive framework for exploring resistance in the light-duty vehicle market
15:30	**16:00**	7202	Bruno Cesar Krause Moras, Prasanna Humagain, Konstantina Gkritza	What factors influence adoption of electric vehicles in the short and long-run? A multivariate ordered probit analysis.

5.5 - Children Active Travel Behaviours (Chair: Azamsadat Hosseini Shoabjareh)

Start	End	ID	Authors	Title
14:30	**14:50**	6816	Carole Voulgaris, Gregory Macfarlane, Anders Fjendbo Jensen	Children's Mode Choice and Independence for the Journey to School
14:50	**15:10**	6930	David J. Hoelzel, Joachim Scheiner	Social and Environmental Influences on Children's Independent Mobility in Dortmund, Germany
15:10	**15:30**	6693	Juliane Stark, Shun Su, Reinhard Hössinger, Sandra Wegener, Valerie Batiajew, Elisabeth Huter	Children's Active Mobility, Physical Activity and Well-being
15:30	**16:00**	6707	Milad Ghasri, Azam Hosseini Shoabjareh	Parental Attitudes Toward Neighborhoods and Their Impact on Children's School Travel Choices

5.6 - Public Transport Service Evaluation and Simulation (Chair: Archana Prabhakar)

Start	End	ID	Authors	Title
14:30	**14:50**	7153	Astrid Gühnemann, Oliver Roider, Roman Klementschitz	Building a simulation model to evaluate the demand for autonomous shuttles in rural public transport
14:50	**15:10**	6842	Honoka Shirai, Eiji Hato	Efficient and Equitable Transit Services with Activity Model-Based Reservation Adjustment
15:10	**15:30**	7010	Xiao Fu, Yuqian Jin	Optimizing transit service runs and planning activity location with carbon credit charge scheme: an activity-based approach
15:30	**16:00**	7267	Archana Prabhakar, Elise Grison, Simone Morgagni, Martin Nöllenburg, Valérie Gyselinck	Real-time On-board Crowding Information Presentation in Smartphone Mobility Apps: A Catalyst for Improved Flow Regulation in Mass Transit

5.8 - Pro-environmental Policies vs Human Behaviours (Chair: Eric J. Molin)

Start	End	ID	Authors	Title
14:30	**14:50**	6642	Eric Molin, Maarten Kroesen	The dark side of carbon offsetting: how it induces less sustainable travel
14:50	**15:10**	7241	John Magnus Roos	Car sharers do not care about the environment more than others
15:10	**15:30**	7039	Michael Braito, Patrick Scherhaufer, Sandra Wegener, Elisabeth Schauppenlehner-Kloyber	Unraveling Mobility Choices: A Context-Specific Approach to Sustaina-ble and Inclusive Transportation Strategies
15:30	**16:00**	7073	Cecilia Bergstad, Emma Löfgren, Katharine Steentjes	Willingness to Change from Car Use to Sustainable Travel Modes in Urban and Rural Areas -The Importance of Psychological Factors

5.10 - Willingness to Pay for Shared Mobility Services (Chair: Hiroyuki Hasada)

Start	End	ID	Authors	Title
14:30	**14:50**	6875	Stefanie Peer, Stefan Schönfelder	A nationwide "Mobility Guarantee": willingness-to-pay and potential implications for car ownership
14:50	**15:10**	6675	Sebastian L. Grüner, Hauke Reckermann, Matthias Kowald	Investigating willingness-to-pay towards shared e-bikes: A comparison of methods
15:10	**15:30**	6879	Anna Grigolon, Kelt Garritsen, Karst Geurs	The effect of individual and spatial factors on the willingness to pay for shared mobility hubs.
15:30	**16:00**	6760	Hiroyuki Hasada, Anna Mizuno, Seishu Kitamura, Yuhan Gao, Ryo Kanamori, Takayuki Morikawa	Choice modeling for user intentions in on-demand service

5.12 - The Demand of New Aerial and Water Transport Modes (Chair: Ching-fu Chen)

Start	End	ID	Authors	Title
14:30	14:50	6717	Ali Ardeshiri, Akshay Vij, Mirjam Wiedemann	Consumer preferences for uncrewed aerial vehicles delivery service
14:50	15:10	6871	Ying Zhao, Tao Feng	Commuters Preferences for Multimodal Air Taxi Services in Air-Mobility-as-a-Service (AMaaS)
15:10	15:30	6785	Prawira Fajarindra Belgiawan, Muhammad Zudhy Irawan, Mohamed Yusuf Faridian Wirayat, Cintia Nurliyana, Ardhana Tahriza Syarif, Maya Safira, Yos Sunitiyoso	The Potential of Urban Air Mobility in Bandung as Feeder of Jakarta-Bandung High-Speed Rail
15:30	16:00	6835	Timo Eccarius, Ching-Fu Chen, Abraham Leung	User Acceptance of Autonomous Tourist Boats in Taiwan: A Modified Unified Theory of Acceptance and Use of Technology Approach

Session 6 (16:30 - 17:50)

6.1 - Machine Learning and Choice Modelling II (Chair: Pim Labee)

Start	End	ID	Authors	Title
16:30	16:50	6927	Ahmad Nazrul Hakimi Ibrahim, Muhamad Nazri Borhan	A Dual-Stage SEM-ANN Analysis of Risk Riding Behaviour Among Food Delivery Riders in Malaysia
16:50	17:10	7178	MD Jahedul Alam, Muhammad Ahsanul Habib, Niaz Mahmud	A Comprehensive Framework for Shopping Destination Choice Model: Combination of Machine Learning and Discrete Choice Modeling
17:10	17:30	7335	Panagiotis Tsoleridis, Stephane Hess, Charisma Choudhury	Assessing temporal transferability of activity generation and location choices using choice modelling and machine learning techniques
17:30	17:50	7025	Pim Labee, Seheon Kim, Soora Rasouli	Predicting mode choice using decision trees while accounting for random effects using panel data

6.3 - Agent-based Simulation for Policy Evaluation II (Chair: Daisuke Fukuda)

Start	End	ID	Authors	Title
16:30	16:50	7135	Gregor Rybczak, Kai Nagel	Investigation of Incentive Policies to Promote Sustainable Transport in an Agent-Based Traffic Simulation
16:50	17:10	6775	Cesar Maia de Souza, Roberto Ponce López, Eric J. Miller	Transportation Agent-Based Modelling in the Latin American Context – The Case Study of the Monterrey Metropolitan Area
17:10	17:30	7075	Fukuda Daisuke, Ryoji Ishii	Development of “Tokyo Metropolitan Area Activity-Travel Patterns Simulator” (T-ACT) and its Application to the Evaluation of Urban Transportation Policies
17:30	17:50	6634	Qian Wang, Anders Karlström, Daniel Jonsson	Effect of congestion charges in Helsinki metropolitan area: using activity-scheduling model

6.4 - Exploring the EV Usage Behaviours I (Chair: Alfredo Jose Ojeda - Diaz)

Start	End	ID	Authors	Title
16:30	16:50	6901	Jae Hyun Lee, Scott Hardman, Debapriya Chakraborty, Soojeong Choi, Gil Tal	Exploring Electric Vehicle Sharing Amongst Household Members in California
16:50	17:10	7014	Poonam Adsule, M. Manoj	Effects of SoC on travel schedule of electric car users – A stated choice study
17:10	17:30	6771	Stefan Eriksen Mabit, David Bunch, Jeppe Rich, Anders Fjendbo Jensen	Spatial differences in PEV demand: The case of Denmark
17:30	17:50	7252	Alfredo Jose Ojeda-Diaz, Sonja Haustein, Rico Krueger, Anders Fjendbo Jensen	Behaviour change of electric vehicles users: role of psychometrics, motivation for adoption and mental process using a longitudinal multi-method approach

6.5 - Definining Active Travel and Its Drivers (Chair: Laya Hossein Rashidi)

Start	End	ID	Authors	Title
16:30	16:50	7131	Wafa Elias, Dolev Karolinsky	Influences of Socio-Economic Factors, Health Status, and Built Environment on Adherence to Physical Activity Guidelines in Israel

16:50	**17:10**	6876	Daniela Müller-Eie, Maja Rynning, Marianne Knapskog, Tanu Priya Uteng	Overcoming barriers and understanding motivators for sustainable mobility among young elderly
17:10	**17:30**	6688	Laya Hossein Rashidi, Jennifer Kent, Emily Moylan	The importance of built-environment determinants in students' active travel behaviour
17:30	**17:50**	6914	Isabella Malet Lambert, Wouter Poortinga, Dimitris Potoglou, Dimitrios Xenias	Preferences for urban street space redistribution to encourage cycling: A best-worst scaling approach

6.6 - Free and Low Fare Public Transport Evaluations (Chair: Brian Caulfield)

Start	End	ID	Authors	Title
16:30	**16:50**	6805	Niklas Höing, Conny Louen, Tobias Kuhnimhof	Mode Choice Implications of Fare-Free Public Transport – Household Survey Based Results from a German Case Study
16:50	**17:10**	6855	Caroline Rozynek	Imagine the financial barrier to public transport use disappears. The impact of the 9-Euro-Ticket on low-income parents' travel behaviour and social participation.
17:10	**17:30**	6908	Isabella Waldorf, Klaus Bogenberger, Allister Loder, Stefan Wurster	Low-Fare Policies for Economically Marginalized Individuals: A Propensity Score Matching Analysis of Germany's 9-Euro-Ticket and Deutschlandticket
17:30	**17:50**	6841	Brian Caulfield, Michelle Gaughan	Preferences for price reductions on public transport

6.8 - Social Norm and Social Network Analyses (Chair: Joanna Ji)

Start	End	ID	Authors	Title
16:30	**16:50**	6971	Madison Lore, Martino Tran	Identifying large-scale social norms in mode share through crowdsource passive data
16:50	**17:10**	7266	Giancarlos Parady, Makoto Chikaraishi, Swarnali Dihingia, Noboru Harata, Kiyoshi Takami	Modeling dynamic social network formation through activity engagement: An application to international students in Japan
17:10	**17:30**	6781	Zhuhan Jin, Kay W. Axhausen, Prateek Bansal	A Novel Approach to Study Social Network Effects in Inter-household Joint Activities
17:30	**17:50**	7242	Joanna Ji, Gabriel Hannon, Rolf Moeckel	Impact of Applying an Agent-Based Social Network to Simulate Inter-Household Joint Travel

6.10 - MaaS Adoption and Usage among Young Travellers (Chair: David Brownstone)

Start	End	ID	Authors	Title
16:30	**16:50**	7100	Christos Gkartzonikas, Loukas Dimitriou	Evaluating Behavioral Intentions in Young People for Different Trip Purposes Within Shared Micro-Mobility Services
16:50	**17:10**	7095	Panagiota Mavrogenidou, Amalia Polydoropoulou, Ioanna Pagoni, Athena Tsirimpa	Micro-mobility for Daily Commuting: Gen G Preferences
17:10	**17:30**	6658	Willy Kriswardhana, Domokos Esztergár-Kiss	Investigating Heterogeneity in College Students' Intentions to Adopt MaaS
17:30	**17:50**	6979	David Brownstone, Henry Bernal	Modeling High School Students' Transportation Choices

Wednesday 17th of July
Session 7 (10:45 - 12:05)

7.1 - Design of Choice Models (Chair: Nima Dadashzadeh)

Start	End	ID	Authors	Title
10:45	**11:05**	7049	C. Angelo Guevara	Attaining Consistency while Building the Consideration-Set from Historical-Cohort Choices: A Sampling of Alternatives Approach
11:05	**11:25**	6957	Gabriel Nova, Stephane Hess, Sander van Cranenburgh	Understanding the decision-making process of choice modellers: one database but many workflows
11:25	**11:45**	7096	Nima Dadashzadeh, Michiel Bliemer, Seda Sucu	Partial choice set design for stated preference surveys in travel behaviour studies: A case study with 10+ alternatives

11:45	**12:05**	6878	Francisco J. Bahamonde-Birke, David Palma, SM Labib	Modeling Spatial Correlation among Observations using the Logit Kernel

7.2 - Location-based Data and Mobility Analysis II (Chair: Meredith Raymer)

Start	End	ID	Authors	Title
10:45	**11:05**	6786	Xiyuan Ren, Joseph Chow	An agent-based mixed logit approach for activity pattern modeling with a ubiquitous data set
11:05	**11:25**	6992	Bogdan Kapatsila, Francisco J. Bahamonde-Birke, Dea van Lierop, Emily Grisé	The Effect of Digital Crowding Level Information on the Revealed Route Choice of Transit Riders
11:25	**11:45**	7184	Qianhua Luo, Joan Walker	Incorporating the Notion of Habit from Neuroscience in Dynamic Routine Travel Modelling: an Application to Telework Decisions through the Pandemic
11:45	**12:05**	7144	Meredith Raymer, Hani Mahmassani, Jennifer Duthie	Development and Estimation of a Growth Propensity Index: A Data-Driven Measurement of Urban Growth

7.3 - Activity Scheduling and Time-space Prisms (Chair: Gregory Erhardt)

Start	End	ID	Authors	Title
10:45	**11:05**	6897	Janody Pougala, Tim Hillel, Michel Bierlaire	Multiday Scheduling of Activities: Extending the OASIS framework
11:05	**11:25**	7077	Jing Qin, Feixiong Liao	Space−time prism and accessibility of multimodal and multiactivity trip chains in multi-state supernetworks
11:25	**11:45**	7139	Anna Reiffer, Jelle Kübler, Kim Kandler, Martin Kagerbauer, Peter Vortisch	Analysis of Telecommuting Effects on Travel Demand based on an Agent-Based Travel Demand Model
11:45	**12:05**	7203	Gregory Erhardt, Lisa Zorn	A Work-from-Home Retrofit for Tour and Activity-Based Models

7.4 - Exploring the EV Usage Behaviours II (Chair: Rahul T.M.)

Start	End	ID	Authors	Title
10:45	**11:05**	6932	Huyen Le, Maarten Kroesen	The rebound effects of electric vehicles: A longitudinal analysis
11:05	**11:25**	6814	Margarita Gutjar, Matthias Kowald, Chiara Calastri	The effect of incentives and costs on (electric) vehicle ownership: A stated adaptation experiment
11:25	**11:45**	7002	Rahul T.M, Hafsoah Ahmad	Decoding the factors shaping GenZ and Millennial choices of electric two-wheeler ownership
11:45	**12:05**	7040	Rahul T.M, Hafsoah Ahmad	Effect of information provision on electric vehicle purchase intention in GMM-clustered groups: a single arm pre-post intervention study

7.5 - Changes and Interactions in Walking Behaviours I (Chair: Qin Zhang)

Start	End	ID	Authors	Title
10:45	**11:05**	7211	Antonio Paez, Shaila Jamal	Equity implications of changes in walking frequency in Bangladesh during COVID-19
11:05	**11:25**	6749	Hyunjun Hwang, Chandra Bhat, Angela Haddad, Irfan Batur, Shobhit Saxena, Ram Pendyala	An Analysis of Walking Frequency Before and After the Pandemic
11:25	**11:45**	7076	Yuki Oyama, Makoto Chikaraishi, Akimasa Fujiwara, Keishi Fujiwara	Pedestrian behavior modeling representing competitive nature between movers and stayers in urban public space: A numerical simulation
11:45	**12:05**	7290	Qin Zhang, Corin Staves, Aruna Sivakumar, Ismail Saadi, Tayebeh Saghapour, Irena Itova, James Woodcock, Lucy Gunn, Belen Zapata-Diomedi	Heterogeneity in the effects of built environment on walking and cycling behavior

7.6 - Public Transport Users' Behaviours (Chair: Huseyin Ayan)

Start	End	ID	Authors	Title

10:45	**11:05**	7217	Bartosz Bursa, Gottfried Tappeiner, Markus Mailer, Sebastian Vicoli	Ready for the train? Segmentation analysis of travelers to identify those hesitant to use rail
11:05	**11:25**	6830	Donggen Wang, Yuan Liang	How does the network accessibility of rail transit stations influence their ridership?
11:25	**11:45**	7132	Huseyin Ayan, Margaret Bell, Dilum Dissanayake	Investigating Regular Users' and Occasional Users' Attitudes towards Light Rail Transit using Structural Equation Modelling
11:45	**12:05**	6680	Nejc Gerzinic, Marko Gucek, Oded Cats	The potential of microtransit for regional commute

7.8 - Multitasking Behaviour whilst Travelling (Chair: Golam Morshed)

Start	End	ID	Authors	Title
10:45	**11:05**	7182	Ana Luiza Santos de Sa, Patricia Lavieri	Examining the Drivers of Travel Time Use and the Transferability of Activities into Trips
11:05	**11:25**	6766	Muhamad Rizki, Yusak Susilo, Tri Basuki Joewono	Exploring impacts of e-shopping and goods delivery usage within Transport-SuperApps (TSA) on daily time use: Evidence from one-week time- and app-use diary in Indonesian cities
11:25	**11:45**	6828	Nobuhiro Sanko, Sota Yamaguchi	Multitasking of railway passengers in Japan in 1983–2019: a meta-analysis using direct observation and YouTube videos
11:45	**12:05**	7321	Golam Morshed, Eran Ben-Elia, Markus Mailer	Tomorrow Today - A time-geographical approach to studying Autonomous Vehicles and the (Potential) Users' Behaviour.

7.10 - Barriers and Discontinuation of MaaS Usage (Chair: Chenyang Wu)

Start	End	ID	Authors	Title
10:45	**11:05**	6636	Fatemeh Torabi, Sascha Hoogendoorn-Lanser, Niels van Oort, Yashar Araghi, Serge Hoogendoorn	Investigating shared mobility at inner cities focusing on senior users
11:05	**11:25**	7045	Janak Parmar, Paolo Delle Site, Dilum Dissanayake	Investigating key barriers and policy measures in the adoption of shared electric mobility system
11:25	**11:45**	7251	Samira Dibaj, Miloš Mladenović, Shaghayegh Vosough	The emergence of electric scooters in Helsinki: User, non-user and former user perspectives
11:45	**12:05**	6720	Sisi Jian, Jianing Liu, Chenyang Wu, Vinayak DIXIT	Risky Choice and Diminishing Sensitivity in MaaS Context: A Nonlinear Logit Analysis of Traveler Behavior

7.12 - Trip Making Processes and its Complexity (Chair: Ramandeep Singh)

Start	End	ID	Authors	Title
10:45	**11:05**	7160	Hani Mahmassani, Divyakant Tahlyan, Maher Said, Amanda Stathopoulos, Susan Shaheen, Joan Walker	Trajectories of Telework through the pandemic: Outlook and Implications for Cities
11:05	**11:25**	7120	Tanjeeb Ahmed, Michael Hyland	Analyzing Interrelationships Between Trip Complexity, Activity Space, and Person Miles Traveled for Non-Workers
11:25	**11:45**	6772	Daniele Giubergia, Chandra Bhat, Angela Haddad, Francesco Piras, Italo Meloni	Modeling spatial and social interdependency effects on commuting mode choice
11:45	**12:05**	7032	Ramandeep Singh, Wafa Elias, Constantinos Antoniou	The gender travel gap: a semiparametric mixed model analysis of travel in Tel-Aviv

7.13 - Air Travel and Long Distance Trip I (Chair: Muhammad Adeel)

Start	End	ID	Authors	Title
10:45	**11:05**	6946	Priyanka Paithankar, Kara Kockelman, Fatemeh Fakhrmoosavi, Kenneth Perrine	International travel patterns: Exploring destination preferences and airfare trends to and from the USA

11:05	**11:25**	7210	Kazuo Nishii, Yilin Sun, Takeshi Kurihara	Irreversibility of behavioral intention in inbound tourism from China after the COVID-19
11:25	**11:45**	7322	Muhammad Adeel, Kiron Chatterjee, Zia Wadud	Domestic and international long distance travel in the UK: A temporal analysis

Session 8 (14:10 - 15:10)

8.3 - Data Driven Simulation and Behavioural Analysis (Chair : Santiago Alvarez-Ossorio Martinez)

Start	End	ID	Authors	Title
14:10	**14:30**	6859	Nina Wiedemann, Yanan Xin, Lorenzo Nespoli, Vasco Medici, Martin Raubal	A data-driven agent-based car sharing simulator
14:30	**14:50**	7092	Joshua Auld, Natalia Zuniga-Garcia, Paul Waddell, Felipe de Souza, Dan Loughlin, Danielle Chou	Interactions Between Climate Policy and Technology-influenced Travel Behavior: Mitigating Induced Demand from CACC
14:50	**15:10**	6804	Santiago Álvarez-Ossorio Martínez, Kay W. Axhausen, Thomas Schatzmann, Allister Loder, Klaus Bogenberger	Exploring Mode Choice Behaviour in a Tradable Mobility Credit Scheme

8.4 - Adoption and Discontinuation of EVs II (Chair: Muhammad Ahsanul Habib)

Start	End	ID	Authors	Title
14:10	**14:30**	7258	Anders Fjendbo Jensen, Stefan Eriksen Mabit, Jeppe Rich	European preferences of the early majority of electric vehicle users
14:30	**14:50**	7036	Cristian Domarchi, Elisabetta Cherchi, Quoc C. Vuong	Heterogeneity in preferences for alternative fuel vehicles: A latent class choice model including psychological factors
14:50	**15:10**	6882	Hasan Shahrier, Muhammad Ahsanul Habib	Electric Vehicle (EV) Type Choice Model: Latent Class Modelling (LCM) Approach

8.5 - Changes and Interactions in Walking Behaviours II (Chair: Daniel Haslam)

Start	End	ID	Authors	Title
14:10	**14:30**	6686	Hannah Hook	23 minutes is walking distance, unless…': Factors reducing walking time thresholds of Twitter users
14:30	**14:50**	7273	Susan Pike, Susan Handy	Active Mode Use Declines in California: An Exploration of Factors Impacting Mode Share Changes from 2012 to 2017
14:50	**15:10**	6993	Daniel Haslam, Bilal Farooq	Multi-Task Deep Learning of Pedestrian Activities from Ubiquitous Networks

8.6 - Travel Satisfaction among Shared Modes' Users (Chair: Yilin Sun)

Start	End	ID	Authors	Title
14:10	**14:30**	7069	Xiaodong Guan, Dick Ettema, Fabian Israel	Shared micro-mobility and travel satisfaction: A case study of three European countries
14:30	**14:50**	7299	Yoram Shiftan, Einat Tenenboim, Tali Arkushin	Factors affecting passenger perception of and satisfaction with public transport level of service
14:50	**15:10**	6812	Yinan Dong, Yilin Sun, Dianhai Wang, E. Owen D. Waygood, Hamed Naseri	Metro newbies: factors associated with their travel satisfaction, a case study in Hangzhou, China

8.7 - E-Shopping Behaviours (Chair: Divyakant Tahlyan)

Start	End	ID	Authors	Title
14:10	**14:30**	7312	Varun Varghese, Agnivesh Pani, Avinash Unnikrishnan	Modelling Travel Decision Trade-Offs Between Physical Shopping and E-Commerce in the Aftermath of COVID-19 Pandemic
14:30	**14:50**	7263	Md Asif Hasan Anik, Muhammad Ahsanul Habib, Md. Rifat Hossain Bhuiyan	Examining Online Grocery and Food Ordering Behaviour using A Latent-Class Ordered Logit Approach

14:50	**15:10**	7159	Divyakant Tahlyan, Susan Shaheen, Joan Walker, Hani Mahmassani, Amanda Stathopoulos, Maher Said	A Random Intercept Latent Transition Analysis (RI-LTA) of Consumer Spending Across Online and In-person Channels Through the Pandemic

8.8 - Trends and Collective Knowledge in Travel Behaviour Research (Chair: Dimitris Potoglou)

Start	End	ID	Authors	Title
14:10	**14:30**	6670	Sung Hoo Kim, Patricia Mokhtarian	Trends in travel behavior research: A bibliometric assessment of transportation journals
14:30	**15:10**	Book Chapter	Dimitris Potoglou, Eric J. Miller, Alexandros Nikitas, Charisma Choudhury	Important Reflections from Handbook of Travel Behaviour

8.10 - Mobility during Hardship Periods (Chair: Mariia Olkhova)

Start	End	ID	Authors	Title
14:10	**14:30**	6920	Grigorios Fountas, Achille Fonzone, Adebola Olowosegun	“Don’t hit the road”: Travel Habits in the era of cost-of-living crisis
14:30	**14:50**	7125	Monika Maciejewska	Women’s mobility in context of scarcity: Money, time, or effort? A constant reconsideration of resource allocation in decision-making in travel.
14:50	**15:10**	6862	Mariia Olkhova, Dmytro Roslavtsev, Olha Plyhun, Asya Natapov, Taimaz Larimian	Could the war disruption in Ukraine move micro-mobility forward? Stakeholders’ perspective

8.11 - Spatial Locations and Behavioural Change (Chair: Martin Lanzendorf)

Start	End	ID	Authors	Title
14:10	**14:30**	6831	Akshay Vij, Ali Ardeshiri, Lynette Washington, Andrew Beer, Chris Leishman	The transport needs of future cities: the impact of COVID-19 on firm and residential preferences
14:30	**14:50**	6764	Chris ten Dam, Francisco J. Bahamonde-Birke, Dick Ettema, Gert-Jan Kramer, Vinzenz Koning	A multilevel model to address the impact of the built environment on car type choices and energy-relevant travel behavior
14:50	**15:10**	7019	Marcus Klein, Martin Lanzendorf	Patterns of travel behaviour change in a newly developed car-reduced neighbourhood. An empirical study in Darmstadt, Germany.

8.13 - Time Valuation and Pricing Design (Chair: Shir Davidovitch)

Start	End	ID	Authors	Title
14:10	**14:30**	7061	Marco Kouwenhoven, Sander van Cranenburgh, Jeroen Muller, Sebastiaan Thoen, Jasper Willigers, Gerard de Jong	New Values of Travel Time in the Netherlands and the innovative methods we used to determine them
14:30	**14:50**	6843	Matthew Beck, Michiel Bliemer, James Bushell	The Road Pricing is Right: A Study into Creating an Acceptable Road Pricing Structure
14:50	**15:10**	7231	Shir Davidovitch, Sigal Kaplan	Driver Assistance Systems adoption: The effect of the 2013 Israeli tax reform on system components installation by socio-economic groups

8.14 - Advancing Behavioural Understanding through VR Experiment I (Chair: Robin C.O. Palmberg)

Start	End	ID	Authors	Title
14:10	**14:30**	6939	Paulo Anciaes, Emmanouil Chaniotakis, Fredrik Monsuur, Maria Kamargianni	Using virtual reality and physiological data capture to understand travel behaviour in an autonomous vehicle future
14:30	**14:50**	6866	Robin C. O. Palmberg, Shun Su, Martyna Fidler, Yusak Susilo, Mikael Nybacka	What can our eyes and head movements tell us about how we scan our surroundings for information?

Thursday 18th of July
Session 9 (10:30 - 11:50)

9.6 - Integration of Micro-mobilty and Public Transit (Chair: Sangram Nirmale)

Start	End	ID	Authors	Title
10:30	10:50	6679	Chiang Fu, Ching-Fu Chen, Ming-Cheng Yen	Complement or Compete? Exploring the Relationships between Shared Moped and Public Transport Choice: An Integrated Heterogeneous Generalized Nested Choice and Latent Variable Approach
10:50	11:10	7316	Abolfazl (Kouros) Mohammadian, Mohammadjavad Javadinasr, Joshua Auld, Nazmul Arefin Khan, Sina Asgharpour	Individual-Level Analysis of the Integration of E-scooters and Public Transit
11:10	11:30	6849	Jan Gödde, Joachim Scheiner	Temporal patterns and spatial determinants of e-scooter usage during and after the COVID-19 pandemic in Hanover, Germany
11:30	11:50	7224	Abdul R Pinjari, Najeebul Feroz Malik, Sangram Nirmale	Modelling Multimodal Mode Choice Behaviour with Spatial Variability in Level of Service Attributes

9.8 - Older Travellers and Mobility of Care (Chair: Widyarini Weningtyas)

Start	End	ID	Authors	Title
10:30	10:50	7171	Amy Fong, Atiyya Shaw	Examining the Well-Being Implications of Mobility of Care: Gender Differences among American Adults
10:50	11:10	6763	Eran Ben-Elia, Svetlana Daichman, Hillel Bar-Gera	Digital Literacy of Older Public Transport Travellers – An Experimental Study
11:10	11:30	7226	Soojeong Choi, Jae Hyun Lee, Dabin Jeong, Minsu Won	Fast-Aging Society's Elderly Travel Behavior Analysis with Sequence Tree Method
11:30	11:50	6981	Widyarini Weningtyas, Matthew Burke, Ari Widyanti, Dwi Phalita Upahita, Gillmar Betara	Decoding How Low Vision Groups Experience Seamless Journey Through Wayfinding and Signage

9.9 - Transport and Extreme Weather Conditions (Chair: Stephen Wong)

Start	End	ID	Authors	Title
10:30	10:50	6856	Simon Meinhardt, Sydney Paltra, Tilmann Schlenther, Kai Nagel	Researching the impact of extreme weather events on an On-Demand Transport service - A case study
10:50	11:10	7060	Pia Tulodetzki, Gabriel Wilkes, Martin Kagerbauer, Peter Vortisch	Impact of weather on mobility characteristics – empirical findings based on the German Mobility Panel
11:10	11:30	7064	Yuki Oyama, Makoto Chikaraishi, Nur Diana Safitri	How random is route choice behavior during disaster? Inverse estimation of perceived travel time using a recursive logit model with structured variance
11:30	11:50	6659	Stephen Wong, Mengqiao Yu, Susan Shaheen, Joan Walker, Anu Kuncheria	Willingness of Hurricane Irma Evacuees to Share Resources: A Multi-Modeling Approach

9.10 - Collaborative Mobility-Sharing Systems (Chair: Nadim Hamad)

Start	End	ID	Authors	Title
10:30	10:50	7136	Qiang Qi, Tao Feng, Soora Rasouli	Modeling the effects of additional CSD service on transportation mode choice in MaaS framework
10:50	11:10	7173	Joshua Auld, Krishna Murthy Gurumurthy, Hui Shen, Yantao Huang	One-to-One Stable and Fair Matching in the Ride-Sourcing Markets

11:10	**11:30**	7179	Vishal Kushwaha, Abdul R Pinjari, Tarun Rambha, Saiyed Kashif Shaukat, Rajesh Sundaresan, Pranay Verma	A City-Scale Framework for Collaboration between Ride-hailing and Transit Service Providers
11:30	**11:50**	6776	Hoseb Abkarian, Hani Mahmassani, Nadim Hamad	Modeling the Demand for Ridesharing in a Mixed-service Autonomous Vehicle Fleet with Parcel Delivery Service

9.11 - Impacts of Residential Relocation: Longitudinal Analysis (Chair: Charlotte Lemieux)

Start	End	ID	Authors	Title
10:30	**10:50**	7047	Senkai Xie, Feixiong Liao	Nonlinear effects of changes in built environment and life events on mode choice: A longitudinal analysis
10:50	**11:10**	6795	Katja Schimohr, Joachim Scheiner, Eva Heinen	Trip distance changes for commuting and grocery shopping after relocation: a panel study using structural equation modeling
11:10	**11:30**	7055	Dario Stolze, Felix Wilhelm Siebert, Sonja Haustein	Voluntary versus forced relocation: Effects on realised and unrealised mobility, attitudes, satisfaction, and well-being
11:30	**11:50**	7264	Charlotte Lemieux, James Connolly, Kelly Clifton	Neighbourhood-Level Changes to Active Travel Behaviour Relative to New Green Space, Active Travel Infrastructure, and Gentrification

9.12 - Exploring AV Users' Needs (Chair: Johannes Lindner)

Start	End	ID	Authors	Title
10:30	**10:50**	6911	Anshamol Nanethan Rahim, Achille Fonzone, Lucy Downey, Grigorios Fountas	Staff on board Automated Buses: Does and to whom it really matters?
10:50	**11:10**	6715	Felita Ong, Khandker Nurul Habib, Brenden Lavoie	Relax on the Way to Work or Work on the Way to Relax? Influences of Vehicle Interior on Travel Time Perceptions in Autonomous Vehicles
11:10	**11:30**	7248	Hanan Elias Enibtawi, Yoram Shiftan, Oren Musicant, Sunbola Zatmeh-Kanj	Response characteristics of elder drivers following a transfer of control request from an autonomous level 3 system
11:30	**11:50**	6935	Johannes Lindner, Klaus Bogenberger, Lisa Kessler	Towards Accessible Autonomous Public Transport: Requirements of Transit Users with Visual Impairment and Autism Spectrum Disorder

9.13 - Air Travel and Long Distance Trip II (Chair: Fangqing Song)

Start	End	ID	Authors	Title
10:30	**10:50**	6623	Ida Kristoffersson, Chengxi Liu, Robert Klar	Large-scale modelling of visitors' long-distance trips to Sweden
10:50	**11:10**	7086	Sungho Lim, Atiyya Shaw, Max Li	Who experiences flight delay? Ground to air data integration for human-centered performance measures
11:10	**11:30**	7309	Fangqing Song, Chiara Calastri, Charisma Choudhury	Quantifying traveller preferences towards cleaner planes and greener air travel

9.14 - Advancing Behavioural Understanding through VR Experiment II (Chair: Thomas O. Hancock)

Start	End	ID	Authors	Title
10:30	**10:50**	6711	Martyna Fidler, Yusak Susilo, Shun Su, Robin C. O. Palmberg	Establishing an external validity of virtual reality in a micro-mobility context
10:50	**11:10**	7190	Xinwei Li, Prateek Bansal	A novel approach to jointly model choice-response-time data with and without eye-tracking
11:10	**11:30**	7187	Thomas O. Hancock, Stephane Hess, Charisma Choudhury, Jorge Garcia de Pedro, Albert Solernou, Faisal Mushtaq	An adapted decision field theory model for capturing the impact of experiences on preferential change for new travel modes.

Session 10 (13:00 - 14:20)

10.1 - Disruption and Values in Choice Model (Chair: Shenhao Wang)

Start	End	ID	Authors	Title

13:00	**13:20**	7192	Vladimir Maksimenko, Eui-Jin Kim, Prateek Bansal, Xinwei Li, Yi-Shin Lin	Understanding Choice Biases in Moral Machine Experiment Using Brain Recordings and Drift Diffusion Models
13:20	**13:40**	7294	Panagiotis Tsoleridis, Fangqing Song, Jeff Tjiong	Capturing changes in activity scheduling during COVID-19 pandemic with LSTM model
13:40	**14:00**	7234	Shenhao Wang, Baichuan Mo, Stephane Hess, Jinhua Zhao	Comparing hundreds of machine learning and discrete choice models for travel demand modeling in a meta-analysis

10.2 - Location-based Data and Mobility Analysis III (Chair: Mohammad Bilal Mohammad Al-khasawneh)

Start	End	ID	Authors	Title
13:00	**13:20**	6738	Rafal Kucharski, Olha Shulika, Michal Bujak, Farnoud Ghasemi	Spatiotemporal variation of ride-pooling potential based on observed data: A case study of New York City
13:20	**13:40**	7140	Raphael Mesaric, Kay W. Axhausen, Caroline Winkler	Feasibility Evaluation of a Rule-Based Algorithm for Gap Imputation in GPS Tracking Data
13:40	**14:00**	7065	Mohammad Bilal Mohammad Al-khasawneh, Cinzia Cirillo, Guangchen Zhao, Tiziana Tuoto	Feasibility Analysis of Linking Mobile Device Location Data with Travel Surveys
14:00	**14:20**	7232	Faza Fawzan Bastarianto, Charisma Choudhury, Thomas O. Hancock, Anugrah Ilahi, Ed Manley	'Mind the Gap' - analysing and reducing the discrepancies between Google Maps API and reported travel data in Greater Jakarta

10.3 - System Level Impacts of Pricing Design (Chair: Mark Burris)

Start	End	ID	Authors	Title
13:00	**13:20**	7172	Shihan Lin, Cinzia Cirillo	Taste Unobserved Preference Heterogeneity of Users' Willingness to Pay on Express Lanes under Impact of Covid-19 Pandemic
13:20	**13:40**	7011	Krittanai Sriwongphanawes, Fukuda Daisuke	Investigating the Impact of Surge Pricing on Ride-Hailing Usage through a User Heterogeneity Perspective: A Simulation Approach
13:40	**14:00**	7283	Lulu Zhang, Bingyu Zhao, Yacan Wang, Yu Wang, Ma Lu	An Empirical-Simulation Study on the Effects of Subway Monthly Tickets in Reducing Peak-Hour Crowdedness: A Case Study of Beijing Subway
14:00	**14:20**	6721	Mark Burris, Musfira Rahman, Sruthi Ashraf, Alexander Brown, Winfred Authur	Modeling Real World Travel Behavior on Freeways with Priced Managed Lanes

10.5 - Better Planning for Active Mobility (Chair: Shahram Heydari)

Start	End	ID	Authors	Title
13:00	**13:20**	7023	Aurelia Kammerhofer, Lukas Tanzer, Martin Berger	Potential Austrian user-groups for new cargo-bike services
13:20	**13:40**	7165	Patrick Singleton, Mahyar Vahedi Saheli, Atul Subedi, Alyssa Gaither, Michelle Mekker	Examining the Interplay of Pedestrian and Driver Behaviors in Evaluating Traffic Conflict Severity for Right Turns
13:40	**14:00**	7317	Roxani Gkavra, Yusak Susilo, Prateek Bansal	Bike and e-scooter sharing spatiotemporal usage patterns: what determines and what differentiates them?
14:00	**14:20**	6887	Sam McCreery-Phillips, Shahram Heydari	Identifying the Determinants of Bicycle Commuting in London, UK

10.6 - Smart Card Data and Public Transport II (Chair: Charisma Choudhury)

Start	End	ID	Authors	Title

13:00	**13:20**	7260	Durba Kundu, Emily Moylan, Somwrita Sarkar	Multi-dimensional aspects of habits and patterns in transit use: evidence from transit smartcard data
13:20	**13:40**	7214	Georges Sfeir, Filipe Rodrigues, Ravi Seshadri, Carlos Lima Azevedo	Identifying Choice Sets for Public Transport Route Choice Models using Smart-Card data: Generated vs. Empirical Sets
13:40	**14:00**	6854	Jesper Ingvardson, Otto Anker Nielsen	Public transport trip purpose inference for automated fare collection data based on clustering analysi
14:00	**14:20**	7148	Maximiliano Lizana, Charisma Choudhury, David Watling	Four years and a pandemic: Exploring changes in passenger flow distribution on subway networks using smart card data

10.8 - Framing and Gamification in Behavioural Change (Chair: Hamed Naseri)

Start	End	ID	Authors	Title
13:00	**13:20**	6819	Bobin Wang, E. Owen D. Waygood, Zachary Patterson, Xun Ji	Moral Reframing Effects of Greenhouse Gas Emissions on Vehicle Choices: Moderating Effect Analysis of Moral Foundations
13:20	**13:40**	7212	Hamed Naseri, E. Owen D. Waygood, Bobin Wang, Zachary Patterson	How the Presentation of Information of Lifecycle GHG Affects EV Purchasing Preferences: A Machine Learning Approach
13:40	**14:00**	6730	Barbara T.H. Yen, Chiang Fu, Gerardo Meza, Yu-Chiun Chiou, Xin Wang	Analysing gamified travel demand management schemes in public transport with the Latent class integrated choice and latent variable (LC-ICLV) model
14:00	**14:20**	7245	Hamed Naseri, E. Owen D. Waygood, Bobin Wang, Jerome Laviolette	Difficulty of Transportation-based Behaviors to Mitigate Climate Change for Different Populations

10.9 - National Decarbonising Policies (Chair: Kimia Kamal)

Start	End	ID	Authors	Title
13:00	**13:20**	7261	Barbara Laa	Cost-benefit analysis of introducing a Sustainable Mobility Guarantee – Case study Austria
13:20	**13:40**	7053	Keyvan Hosseini, Saeed Assani, Anna Charly, Philippos Papaphilippou, Agnieszka Stefaniec, Brian Caulfield	Decarbonising Ireland's Road Transport: A Network DEA-BWM Assessment Based on the Avoid, Shift, Improve Paradigm
13:40	**14:00**	7141	Bilal Farooq, Kimia Kamal	A New Approach to Transportation Policy Analysis: Enhancing Causal Inference with Counterfactual Model and Backcasting
14:00	**14:20**	6687	Draženko Glavić, Jelica Komarica, Marina Milenković, Miloš Mladenović, Ioannis Politis, Aleksandar Trifunović	Hybrid cordon urban pricing: A perspective on policy acceptability from South-East Europe

10.10 - Sharing Mobility in Challenging Circumstances (Chair: Prasanta Kumar Sahu)

Start	End	ID	Authors	Title
13:00	**13:20**	6762	Seheon Kim, Hyunmyung Kim, Myung-Sik Do, Jindong Kang, Jun Lee, Chang-Hyeon Joh	Modelling the demand for demand responsive transit (DRT) service in shrinking rural areas
13:20	**13:40**	6817	Julia Schilder, Yusak Susilo, Juliane Stark, Reinhard Hössinger	Adoption of shared mobility in rural cities: a latent class cluster approach
13:40	**14:00**	6806	Santiago Cardona-Urrea, Dick Ettema, Jaime Soza-Parra	Are they participating more than before? The impact of an aerial cable car in activity participation in disadvantaged communities.

14:00	**14:20**	7315	Varun Varghese, Agnivesh Pani, Hridya G M, Prasanta Kumar Sahu, Ankit Gupta	Adoption Intentions towards Emerging Aerial Ropeway Transit: Mediating Roles of Multimodal Modality Styles and Attitudinal Differences
10.11 - Modelling Residential Choice Behaviours (Chair: Maike Puhe)				
Start	**End**	**ID**	**Authors**	**Title**
13:00	**13:20**	6750	Dale Robbennolt, Chandra Bhat, Angela Haddad, Aupal Mondal	Housing Choice in an Evolving Remote Work Landscape
13:20	**13:40**	7229	Viktoriya Kolarova, Ilka Dubernet	Empirical insights on residential location and mode choices of commuters depending on household type and teleworking options
13:40	**14:00**	7170	Muntahith Mehadil Orvin, Mahmudur Fatmi, Mohamad Ali Khalil	Microsimulating Residential Relocation Decisions within an Integrated Urban Model: Testing For COVID-19 Pandemic Housing Price
14:00	**14:20**	6844	Maike Puhe, Tim Wörle, Jelle Kübler	Social obligations and spatial decisions – a conceptual framework for modeling locational choices based on relationships to people, things, and places
10.12 - Revisiting the Impacts of AVs (Younghun Bahk)				
Start	**End**	**ID**	**Authors**	**Title**
13:00	**13:20**	6667	Viviane Gauer, Zoe Long, Jonn Axsen	Are Fully Automated Vehicles a “Gift of Time” or “Flaming Ball of Wreckage”? Investigating Consumer Perceptions of Benefits and Concerns
13:20	**13:40**	7012	Van Son Pham, Makoto Chikaraishi, Hyewon Namgung, Akimasa Fujiwara, Thi Anh Hong Nguyen, Canh Do, Anh Son Le, Xuan Nang Ho	Impacts of Cyber-Physical Experiment on the Mobility Transition of Shared Autonomous Vehicles for First-Last Mile Solutions
13:40	**14:00**	7255	Serio Agriesti, Claudio Roncoli, Bat-hen Nahmias-Biran	Activity-based modeling to forecast and assess shifts in demand due to Automated Driving
14:00	**14:20**	6827	Younghun Bahk, Michael Hyland	Household Activity Pattern Problem with Automated Vehicle-enabled Intermodal Trips
10.13 - Parking Planning and Multimodality (Chair: Yan Hu)				
Start	**End**	**ID**	**Authors**	**Title**
13:00	**13:20**	6941	Alexander Erath, Michael van Eggermond, Reto Tanner	Where to park your car at home? How distric parking garages can complement existing parking options in dense urban neighborhoods.
13:20	**13:40**	6829	Sunghoon Jang, Anthony Chen, Doosun Hong	Investigating Heterogeneous Preferences of Shared Scooters with Designated Parking Zones as Feeder Mode: A Weibit-based Joint Choice Modelling of Main and Feeder Modes
13:40	**14:00**	7003	Yan Hu, Tao Feng	Investigating the temporary use behavior of autonomous vehicles users
14:00	**14:20**	7035	Siavash Saki, Tobias Hagen	Identifying Parking Search in Historical GPS data to Investigate Drivers’ Behavior
10.14 - Advancing Behavioural Understanding through VR Experiment III (Chair: Shun Su)				
Start	**End**	**ID**	**Authors**	**Title**
13:00	**13:20**	7191	Jiaxuan Ding, Prateek Bansal, Jiangbo Yu	Eliciting Ride-hailing Drivers' Preferences for Electric Vehicles under Uncertain Electricity Prices: An Eye-tracking Study
13:20	**13:40**	7292	Yan Feng, Luuk Goossen, Yosua Adisapta Pranata Andoko	Development of a Virtual Reality bike simulator to study cyclist behavior
13:40	**14:00**	7079	Shun Su, Yusak Susilo, Martyna Fidler, Robin C. O. Palmberg	The comparison of behaviours and physiological responses of travelling by bicycle and e-Scooter in a multi-modal virtual reality setup

Workshop 1: (Monday, 15.07.2024, 16:30 – 18:00)

Trends in Time, Travel, Transit, and Telework: The Future Reimagined

Organizers:
Ram M. Pendyala – Arizona State University, USA
Steve E. Polzin – Arizona State University, USA
Abdul R. Pinjari – Indian Institute of Science, Bengaluru, India

In the recent past, disruptive events and technological advances, economic forces and socio-demographic changes, and shifts in attitudes, perceptions, and preferences, have brought about significant changes in people's mobility-activity patterns, time use, activity participation modalities, and so much more. Planning and modeling paradigms of the past are rapidly becoming obsolete in the wake of rapid behavioral changes. This workshop will dive deep into behavioral trends and engage participants in a global dialogue on how transport models and planning processes of the future can evolve to be responsive to a rapidly evolving mobility landscape.

Further information of workshop 1 and its agenda can be found in here.

Workshop 2: (Tuesday, 16.07.2024, 10:30 – 12:00)

EU Living Labs for Co-designing Innovative Transport and Logistics Solutions to address Climate Change. Insights from 8 EU-Funded Projects

Organizers:
Amalia Polydoropoulou - University of Aegean, Greece
Maria Karatsoli - University of Aegean, Greece

The workshop aims at showcasing the concept of "Living Labs" within the context of climate change mitigation in the European Union's transportation and logistics sector. It will feature a series of Living Labs, each serving as a real-world testbed for co-designing, evaluating, and facilitating the adoption of innovative solutions by stakeholders.

In the realm of mobility, participants will have the opportunity to explore Living Labs focusing on PT solutions integrating Multimodal hubs, White label MaaS (Mobility as a Service), Hyperlocal on-demand services, CCAM, Crowding/Congestion Monitoring, and Real-time information systems with Incentivization strategies. Regarding freight and logistics, the Living Labs will include experimental projects and pilot initiatives such as Micro-consolidation centers, Logistics-as-a-Service models, Mobile depots, Cargo hitching, and the use of Innovative vehicles for last-mile delivery such as droids.

Attendees will gain valuable insights into the practical application of these sustainable solutions, the influence of these solutions on user behavior, and the collaborative process of refining and promoting stakeholder adoption of these solutions. The workshop will also serve as a valuable platform for knowledge exchange, fostering a deeper understanding of how Living Labs can drive meaningful progress in addressing climate change challenges within the transportation and logistics domain, particularly through effective stakeholder engagement and behavior-focused solution adoption.

Suggested Duration: 90 minutes

Moderator:
Amalia Polydoropoulou, Professor at the Department of Shipping, Trade and Transport (STT), Director of the Transportation and Decision-Making Laboratory, University of the Aegean, Chios, Greece.

Topics and Presenters:

CLIMAS: LL Chios - Living Labs and Climate Change Mitigation
- Amalia Polydoropoulou, Professor, University of the Aegean, Greece
- Floridea di Ciommo, PhD, cambiaMO | Changing MObility

SPINE: LL Barreiro
- Joao Abreu, Professor, IST Lisbon, Portugal
- Ioanna Pagoni, Assistant Professor, University of the Aegean, Greece

SPINE: LL Tallinn
- Evripidis Magkos, PhD Candidate, University of the Aegean, Greece
- Maria Karatsoli, Researcher, University of the Aegean, Greece

MOVE2CCAM: Co-creating solutions at a LL level
- Christos Gartzonikas, Researcher, MOBYX, Cyprus
- Athena Tsirimpa, Assoc. Professor, The American College of Greece, Greece

GREEN-LOG: LL Ispra – Next generation last mile delivery integrating delivery robots
- Ioannis Tsouros, Researcher, MOBY, Cyprus
- Athena Tsirimpa, Assoc. Professor, The American College of Greece, Greece

SUM: LL Larnaca
- Ioannis Tsouros, Researcher, MOBY, Cyprus
- Athena Tsirimpa, Assoc. Professor, The American College of Greece, Greece

GREEN-LOG: LL Athens - Multi-stakeholder collaborations for shared Micro Consolidation Centers
- Panagiota Mavrogenidou, PhD Cand., University of the Aegean, Greece
- Ioannis Karakikes, Researcher, University of the Aegean, Greece

ENIRISST: LL in Research campuses for micro-mobility
- Panagiota Mavrogenidou, PhD Cand., University of the Aegean, Greece
- Athena Tsirimpa, Assoc. Professor, The American College of Greece, Greece

ENIRISST, RESPORTS & NAVGREEN: Multi-Stakeholder Collaboration and LLs for Efficient, Resilient and Green Passenger Maritime Transport in the Greek Islands
- Giorgos Papaioannou, PhD Cand., University of the Aegean, Greece
- Ioannis Karakikes, Researcher, University of the Aegean, Greece

Round Table Discussion:
Navigating the Future: Collaborative Pathways in EU Transport and Logistics for Climate Action
Discussants:
- Yoram Shiftan, Professor, Technion – Israel Institute of Technology, Israel
- Konstantinos Goulias, Professor, University of California Santa Barbara, US

- Amalia Polydoropoulou, Professor, University of the Aegean, Greece
- Joao Abreu, Professor, IST Lisbon, Portugal

Workshop 3: (Tuesday, 16.07.2024, 14:30 – 18:00)

From imagination to implementation: The evolution of user preference research for automated vehicles in real-world operations

Organizers:
Viktoriya Kolarova - *DLR – Institute of Transport Research, Germany*
Andrea L. Hauslbauer - *DLR – Institute of Transport Research, Germany*
Dimitris Milakis - *DLR – Institute of Transport Research, Germany*
Yoram Shiftan - *Technion – Israel Institute of Technology, Israel*
Amanda I.B. Stathopoulos - *Northwestern University, USA*
Barbara Lenz - *Humboldt University Berlin, Department of Geography, Germany*
Elisabetta Cherchi - *Newcastle University, UK*

This workshop welcomes researchers who work on the analysis of user preferences for automated vehicles. The workshop focuses on the transition from stated-preference approaches to tangible real-world operational research, and address emerging related research questions, methods, and challenges to acquire empirical insights on acceptance and travel behavior impacts of automated vehicles.

The automation and digitalization of mobility have the potential to significantly change the way we travel in the future. Automated vehicles (AVs) become a reality on our roads and rails, not only as private vehicles but also as (on-demand) shared services operated by private companies, or fully integrated into the public transportation system.

The introduction of AVs holds the potential to improve the transportation system (e.g., by enhancing efficiency and sustainability), but also bears risks (e.g., rebound effects, such as increased VMT). Therefore, understanding how these new technologies will change activity patterns, travel behavior and demand has become a key topic in transportation research.

As the technology is not yet widely available on the market, research has relied heavily on stated preference (SP) methods to assess potential effects of AVs on mode choice. Empirical studies evolved in regard to assessment and analysis methods, and in the use of multi-media to introduce new transportation concepts. First pilot studies using lower level automation have provided insights, but do not enable participants to truly experience highly automated driving. Insight is further hindered by the variety of designs, operationalizations of user preferences, and analyses used in studies, which renders comparison difficult[1]. Finally, a high degree of uncertainty remains given the hypothetical scenario bias in existing studies[2].

However, we are currently witnessing a transition from the stated preference era to a new generation of research projects that experiment with on-demand AVs or vehicle fleets under (close to) real-world conditions. This opens new opportunities to no longer merely evaluate single-point measures of user acceptance, preferences, and behavior, but to shed light on their evolution throughout a learning process that participants undergo as they engage with

[1] Harb, M., Stathopoulos, A., Shiftan, Y. and Walker, J.L., 2021. What do we (Not) know about our future with automated vehicles?.Transportation Research Part C: Emerging Technologies, 123, p.102948.
[2] Harb, M., Stathopoulos, A., Shiftan, Y. and Walker, J.L., 2021. What do we (Not) know about our future with automated vehicles?.Transportation Research Part C: Emerging Technologies, 123, p.102948.

these vehicles and acquire real world experience. Small-scale innovation diffusion processes in progress may be captured, and technology introduction measures in a co-creation process may be validated. workshop, for example:

- Do stated preference approaches in the realm of automated driving accurately reflect real-world behavior?
- Under which circumstances are stated preference approaches reliable and valid?
- What gaps persist in our understanding of AV use despite the insight from stated preference approaches?
- How much can we learn about the realm of automated driving from current pilots? Which are the qualitative and quantitative methodologies (or a combination of both) suitable for real-world pilots and deployments that will offer deeper insights on the acceptability and travel implications of automated driving?

The workshop has a strong methodological focus, and invites a broader discussion on the role of real-world operation research in understanding user preferences regarding new mobility technologies. While focusing on AVs, it also touches on related emerging trends such as shared mobility. Moreover, it aims to evaluate previous outcomes, correct misconceptions, and to pinpoint where we should expand our focus and methods in travel behavior research.

Notes regarding the session format:

The workshop is structured into three parts.
Part I: A brief reflection on what have we learned and unsolved challenges in “the era of stated preference user studies” (90 Min)
Presentations by the organizers, joint discussion, group work

Part II: Research questions, methods, challenges in “the era of real-world operation research projects” (80 Min)
Selected short presentations of relevant research projects, joint discussion, group work

Part III: Outlook (10 Min)
Closing speech by the organizers

Keywords: New technologies, stated preference, revealed preference, user preferences, mode choice, decision making, AVs, methodology, psychometrics

---

Workshop 4: (Tuesday, 16.07.2024, 14:30 – 18:00)

Travel Behavior Research: Are we in Crisis?

Organizers:
Joan Walker - University of California, Berkeley, USA
Carlos Guirado - University of California, Berkeley, USA

The workshop aims to assess the state of travel behavior research and its relevance today. We will explore whether the field faces a crisis similar to related disciplines and if it's equipped to prevent reproducibility, fraud, and relevance issues. We will discuss how to create change by revising incentives, norms, and infrastructure to catalyze collective progress.

The field of travel behavior research has made significant contributions to our understanding of how people make travel decisions. However, as the number of papers keeps growing, it is crucial to examine whether the current state of travel behavior research is well-equipped to

lead to further significant advancement. This raises the question: Is travel behavior research at a crisis point, and is it still relevant in today's context?

To explore this critical question, this workshop will bring together leading experts, researchers, and practitioners in the field of travel behavior. The workshop will provide a platform for open discussion, self-reflection and dialogue around the following key questions:

1. Is our research relevant for practice? Should it be?
2. Related fields have had a reproducibility crisis in the past (psychology) and even findings of fraud (behavioral economics, neuroscience): is travel behavior in a similar crisis? Is the field immune to it? Do we have the tools to audit the current state of the field and to prevent a reproducibility crisis?
3. Machine learning has seen rapid evolution due to, in part, an open culture where standardized benchmarks and open datasets are the norm. Should travel behavior move to a similar model? What would that infrastructure look like?
4. Should the journals be leading the change?
    - For instance, should the special issues coming out of IATBR be open data/open code?
    - Should the journals move towards a completely different model: for example, frontloading the paper acceptance at the hypothesis stage (see: Open Science Framework)?
5. The norms of our discipline and the incentives are not conducive to advancing collective wisdom. What can we do to change? Is it urgent that we do so?

Workshop 5: (Tuesday, 16.07.2024, 14:30 – 18:00)

Introducing Spatial Availability for Singly-Constrained Accessibility Analysis: Theory and Open Source Tools

Organizer:
Antonio Paez - McMaster University, Canada

This workshop introduces spatial availability, a singly-constrained accessibility measure that makes opportunities available uniquely to members of the population. The workshop explains the intuitions behind spatial availability and describes the mechanisms to implement it. We include an exercise that uses open source software and an open data product.

For details, see: https://github.com/paezha/Workshop-Spatial-Availability

---

Workshop 6: (Wednesday, 17.07.2024, 10:45 – 12:05)

Travel behavior research agenda with panel data

Organizers:
Maarten Kroesen - TU Delft, Netherland
Milad Mehdizadeh - Norwegian University of Science and Technology, Norway

The purpose of this workshop is to provide attendees with insights into the future of travel behavior modeling using panel data.

Drawing on recent investigations into theoretical relationships within the travel behavior context — specifically attitudes-behavior, perception-behavior, and temporal spill-over effects

— our findings challenge conventional modeling wisdom based on cross-sectional data. This departure from the norm highlights the need for discussions and updates within the realm of travel behavior research to adapt to this paradigm shift.

Our proposed workshop is based on interactive exploration. We aim to initiate discussions on how panel data can be better used to answer new research questions and explore novel theoretical ideas. In the first stage, participants will be divided into groups to explore out-of-the-box research ideas. Suppose you would have unlimited resources in terms of (longitudinal) data collection, what kind of data would you collect and which research questions and/or theoretical ideas would you ideally like to answer/explore? The groups are invited to develop and present a hypothetical research paper, including (made up) findings and reflections. After the presentations, a subsequent group discussion will allow participants to synthesize their reflections. Ideally, the workshop will result in a wide variety of theoretical ideas, innovative research questions and related research designs. By synthesizing the results commonalities may be found and translated to a more structured research agenda.

Workshop 7: (Wednesday, 17.07.2024, 14:10 – 15:10)

Understanding choice modellers' workflows: hands-on experience using a serious game

Organizers:
Gabriel Nova – TU Delft, Netherland
Sander van Cranenburgh - TU Delft, Netherland
Stephane Hess - University of Leeds, UK

Attention choice modellers!
Join our workshop in which you will explore a stated preference dataset, make decision on model specification, and analyse your results within a dynamic and interactive Serious Game (SG) environment. The game is designed to learn more about the modelling practices in our field. It collects the steps and workflows participants take to analyse the data and model the choices. After the Serious Game, we will present the first results from the game, which we will use as the starting point for an open discussion with you about (the differences in) the practices in our community. In short, we invite you to participate in this informative experience that will improve your (and our) understanding of the decision-making process of choice modellers like you. All you need to bring to participate is your laptop (with a browser and internet connection) and your choice modelling instincts.

Workshop 8: (Thursday, 18.07.2024, 10:30 – 12:00)

Insights on User Potentials and Needs for Policy Design to Motivate Switch to Climate-Neutral Mobility – Lessons from Austria and Beyond

Organizer:
Stefan Seer - AIT Austrian Institute of Technology, Austria
Andreas Blust - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK), Austria
Wiebke Unbehaun - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK), Austria

Fiona Gröstenberger - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK), Austria

This workshop elaborates the intricacies of designing policies that foster the transition towards climate-neutral mobility. Drawing from Austria's innovative approaches and global perspectives, participants will gain invaluable insights into the potentials and needs of mobility users. Through a combination of case studies and actionable strategies, attendees will explore how tailored policies can effectively motivate individuals and communities to adopt sustainable transportation alternatives.

Presenters:

- Klimaticket Austria: Implementation & First Results (Fiona Gröstenberger, BMK)
- Germany’s 9-Euro-Ticket and Deutschlandticket (Isabella Waldorf, TUM)
- Encouraging active mobility for the transition towards climate neutrality in Austria's transport sector (Wiebke Unbehaun, BMK)
- User Potentials & Policy Needs for Ride Sharing Services (Stefan Seer, AIT)

In this workshop, participants will have the opportunity to discuss and elaborate on the following key questions:

- Which current policies have you found effective in promoting sustainable transportation?
- What role can digital tools and technologies play in promoting sustainable mobility options and behaviors, and which user groups will benefit most?
- What metrics and indicators should be used to measure the success of climate-neutral mobility policies?
- What are the benefits of closer cooperation between researchers and policy makers for advancing sustainable transportation?

SPECIAL SESSION: (Monday, 15.07.2024, 18:00 – 20:00)

Celebrating Ilan Salomon's life and achievements

Organizer:
Patricia Mokhtarian (Georgia Institute of Technology)

Ilan Salomon was a deep thinker who made fundamental contributions to our understanding of the impacts of lifestyle on travel behavior, the impacts of information and communication technologies (ICT) on travel behavior, the positive utility of travel, responses to congestion, spatial behavior, land use policy, and energy and the environment. He passed away on May 5, 2024, following a lengthy and courageous battle with early-onset Parkinson's Disease. This special session is an opportunity for those who knew Ilan to share their memories; for those who did not know him but who have been influenced by him to share their experiences; and simply for those who are interested in learning more about this extraordinary travel behavior scholar.

SPECIAL WORKSHOP: (Thursday, 18.07.2024, 10:30 – 12:00)

Inauguration of the European Association for Activity-Based Modelling (EAABM)

Organizer:
Alexander Erath - University of Applied Sciences and Arts Northwestern Switzerland, Switzerland

The insight that activity-based modelling approaches are better suited to address existing transport challenges and shape the future of mobility is well established among researchers. Despite the robust scientific foundation and the availability of software tools to implement activity-based models, such approaches are only very rarely established in European planning practice.

The EAABM facilitates the development and application of activity-based modelling through open and collaborative exchange between science, industry, and policy makers, that are suitable to appropriately address the mobility challenges and opportunities of the 21st century.

In this workshop, the EAABM will officially be founded and its activities for the rest of 2024 will be planned. Everybody who is interested in the activities of EAABM is invited to join! More information about the EAABM's mission and strategy is available here.

WELCOME SPEECH AND OPENING PLENARY: (Monday, 15.07.2024, 09:30 – 10:30, Audimax Room)

WELCOME SPEECH: AUSTRIAN FEDERAL MINISTER LEONORE GEWESSLER

Ms. Leonore Gewessler is the Austrian Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology. After graduating in political science from the University of Vienna, Ms. Gewessler worked at the Office of the leader of Vienna's 7th district until 2008. Then she moved to the Green European Foundation in Brussels, where she took over the management of the Europe-wide NGO. From 2014 to 2019, Ms. Gewessler was the Executive Director of Global 2000 environmental protection organization, before becoming Deputy Chairwoman of the Green Parliamentary Group (Parliamentary Group of the Green Members of the National Council, the Federal Council and the European Parliament), a position she held until January 6, 2020. In addition to her business career, she was - among others - a Member of the Executive Board of Friends of the Earth Austria.

OPENING PLENARY: GERD SAMMER, EM. UNIV.PROF. DIPL.-ING. DR.TECHN.

Gerd Sammer is Emeritus Professor at the Institute for Transport Studies at the University of Natural Resources and Life Sciences in Vienna. His research work covers the problem of the best possible bias-free recording of transport and mobility behaviour, whether it be revealed preference and stated preference survey methods. In his focus is also the analysis of influencing factors on transport behaviour for questions of current and future transport policy. One focus is on the question of the extent to which the user's awareness of information about transport alternatives influences his decision-making behaviour. Recently, he has been particularly engaged with the quality assurance of transport demand modelling and traffic forecasts in order to improve the decision-making basis for future mobility challenges.

TITLE: Travel Behavior Research Conflicting between Evidence and Subjective Opinion?

The abstract of the talk can be found in here.

PLENARY 2: (Monday, 15.07.2024, 13:30 – 14:30, Audimax Room)

Speaker: CHANDRA BHAT
University Distinguished Teaching Professor and Joe J. King Endowed Chair in Engineering
Director, US Department of Transportation National University Center on Travel Behavior and Demand
Fariborz Maseeh Department of Civil, Architectural and Environmental Engineering
Department of Economics (Courtesy Appointment)
The University of Texas at Austin
Satish Dhawan Visiting Chair Professor at The Indian Institute of Science

TITLE: A Unified Approach to Teasing Out Causal Relationships in Travel Behavior Analysis

This presentation will begin with what is meant by the term causality in modeling, highlighting the fact that "causality" is never truly discernible (with cause-effects potentially changing roles during

the continuous process leading up to final observed outcomes). Particularly in the context of natural data collection, one can only speak of causality in epistemic terms. The presentation will next address the following question: “what types of data collected today would provide the best insights about our future behaviors?” Then, using cross-sectional data, multiple examples based on a unified endogenous selection framework for teasing out causal explanations will be provided in the context of the interplay between tele-activity and residential location decision processes. Policy implications will also be discussed.

PLENARY 3: (Tuesday, 16.07.2024, 09:00 – 10:00, Audimax Room)

Speaker: SONJA HAUSTEIN
Psychologist and Professor in Human Behaviour at the Department of Technology, Management, and Economics, Technical University of Denmark

TITLE: Behaviour change in transport – A psychological perspective

Despite innovations such as electrification, automation, and sharing, emissions form transport are hardly decreasing, and our roads are filled with increasingly larger vehicles. To achieve a green transition in transport, it is crucial to gain a deeper understanding of the psychological mechanisms involved in behaviour change and to identify effective tools for addressing them.
In her keynote presentation, Sonja will discuss the most relevant psychological theories related to behaviour and behavioural change and their challenges in the context of transport research. Sonja highlights that neither technological progress nor individual-focused behaviour change techniques alone are sufficient to meet sustainability targets. Instead, interdisciplinary research efforts are needed to identify how to mitigate rebound effects of technological innovations and how to design effective structural and individual measures to encourage people to shift from cars to active and public transport modes.

THE SCIENTIFIC PRESENTATION OF ERIC PAS WINNERS 2021 and 2022: (Tuesday, 16.07.2024, 13:00 – 14:30, Audimax Room)

Eric Pas Award Winner 2021: JASON HAWKINS (University of Nebraska-Lincoln, USA), the doctoral thesis was completed at the University of Toronto, Canada, under supervision of Prof. Khandker Nurul Habib

TITLE: Metalocation Choice

Home location is a central element of travel behaviour, increasingly so with a rise in work-from-home, yet its theoretical underpinnings remain relatively understudied in the travel behaviour community when compared against activity scheduling, mode choice, and other elements of travel behaviour and demand modeling. This presentation will trace the role of time in travel behaviour from Becker’s theory of the allocation of time and review the sociological study of ‘home’ to provide a joint theory of location and travel choice. This discussion will be integrated with a contrasting of convergence transportation demand and land use model developments.

2021 Eric Pas Honorable Mention award went to YUANYING ZHAO, the doctoral thesis was completed at the Imperial College London, under supervision of Prof. Aruna Sivakumar

The winner of Eric Pas Award Winner 2022 will be announced during this session

---

THE SCIENTIFIC PRESENTATION OF THE LIFETIME ACHIEVEMENT AWARD WINNER(S): (Wednesday, 17.07.2024, 09:00 – 10:30, Audimax Room)

The winner(s) of the Lifetime Achievement Award will be announced during the conference's Welcome Dinner at the historical Vienna City Hall (Tuesday, 16.06.2024, 18:30-22:00)

PLENARY 4: (Wednesday, 17.07.2024, 13:05 – 14:05, Audimax Room)

Speaker: MEI-PO KWAN
Head, Chung Chi College
Choh-Ming Li Professor of Geography and Resource Management
Director, Institute of Space and Earth Information Science
Director, Institute of Future Cities
The Chinese University of Hong Kong, Shatin, Hong Kong

http://meipokwan.org

TITLE: Advanced Geospatial Technologies and Methods for Human Mobility and Health Research

Human mobility is an essential element of people's spatiotemporal experiences, and these complex experiences cannot be fully understood by just looking at where people live. With the advent of new geospatial technologies and methods like GPS tracking and mobile sensing, a vast amount of complex spatiotemporal data can be collected and analyzed. However, human behaviors revealed by these data have not been fully understood. In this presentation, I discuss new methods developed for this purpose and draw upon recent conceptual and methodological developments to examine how a perspective that integrates the spatial and temporal dimensions and takes human mobility into account can help identify the relevant spatiotemporal context that influences people's health behaviors or outcomes. Using examples from my recent projects, I discuss how the collection and analysis of high-resolution space-time data enabled by advanced geospatial and mobile technologies can provide new insights into the relationships between human mobility, health behaviors and the complex spatiotemporal dynamics of environmental influences.

PLENARY 5: (Thursday, 18.07.2024, 09:00 – 10:00, Audimax Room)

Speaker: MARTIN RAUBAL
Full Professor for Geoinformation Engineering, ETH Zurich, Switzerland
Deputy Chairperson of Center for Sustainable Future Mobility, ETH Zurich, Switzerland
Member of Coordinating Agency for Federal Geographic Information (GCG), Switzerland
Member of FRS (Future Resilient Systems) Management Committee, Singapore-ETH Centre

TITLE:
Supporting sustainable mobility behavior through spatial data analytics

The constant increase of people's mobility has led to a dramatic rise in greenhouse gas emissions over the years. Achieving a sustainable mobility in the future requires both technical and behavioral measures. Novel geographic information technologies and analysis methods available to us now, in combination with an unprecedented amount of spatio-temporal data, allow us to get more accurate insights of where, when, how and why people travel. These insights support our understanding of people's mobility patterns and the prediction of individual mobility behavior. Consequently, we can determine the effectiveness of novel mobility services regarding reduction of CO2 emissions, as well as evaluate the impact of people's behavioral changes. In this talk, I will highlight the importance of spatial data analytics for sustainable mobility behavior by demonstrating real-world case studies including Mobility-as-a-Service and mobility behavior change through eco-feedback.