



hEART 2024

12th Symposium of the European Association for Research in
Transportation

18-20 June 2024, Aalto University, Espoo, Finland

Conference Guide

A! Aalto-yliopisto
Aalto-universitetet
Aalto University

hEART 2024	Mon, 17 Jun	Tue, 18 Jun	Wed, 19 Jun	Thu, 20 Jun	
08:00 - 08:30		Check-in (08:00 - 09:00)			
08:30 - 09:00		Coffee (08:30 - 09:00)	Coffee break (08:30 - 09:00)		
09:00 - 09:30	MATSim workshop - room U3 (09:00 - 17:00)	Opening - Hall A (09:00 - 09:30)	Keynote 2 - Hall A (09:00 - 10:00)	Coffee break (09:00 - 09:30)	
09:30 - 10:00		Keynote 1 - Hall A (09:30 - 10:30)	Coffee break (10:00 - 10:30)	Slot 7: Sessions 7.1, 7.2, 7.3, 7.4, 7.5 (09:30 - 11:00)	
10:00 - 10:30		Coffee break (10:30 - 11:00)	Slot 4: Sessions 4.1, 4.2, 4.3, 4.4, 4.5 (10:30 - 12:30)	Coffee break (11:00 - 11:30)	
10:30 - 11:00		PhD school - room U5 (12:00 - 16:30)	Slot 1: Sessions 1.1, 1.2, 1.3, 1.4, 1.5 (11:00 - 12:30)	Keynote 3 - Hall A (11:30 - 12:30)	
11:00 - 11:30			Lunch - A Bloc (12:30 - 14:00)	Closing - Hall A (12:30 - 13:00)	
11:30 - 12:00		AlforLEssAuto workshop * (14:30 - 16:30)	Slot 2: Sessions 2.1, 2.2, 2.3, 2.4, 2.5 (14:00 - 15:30)	Slot 5: Sessions 5.1, 5.2, 5.3, 5.4, 5.5 (14:00 - 15:30)	SimMobility & Aimsun workshop - room U3 (13:30 - 18:00)
12:00 - 12:30			Coffee (15:30 - 16)	Coffee (15:30 - 16)	
12:30 - 13:00			Poster Session 1	Poster Session 2	
13:00 - 13:30		Slot 3: Sessions 3.1, 3.2, 3.3, 3.4, 3.5 (16:00 - 18:00)	Slot 6: Sessions 6.1, 6.2, 6.3, 6.4, 6.5 (16:00 - 17:30)		
13:30 - 14:00		Excursions	Welcome reception - Lobby U	Gala dinner - Pörssi restaurant	
14:00 - 14:30					
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22:30 - 23:00					

* AlforLEssAuto workshop is in room U6

Tue, 18 June

Session 1.1: Traffic assignment (room U1)

Time	ID	Paper title	Authors
11:00-11:30	4329	Perturbed utility stochastic traffic assignment	Rui Yao, Mogens Fosgerau, Mads Paulsen, Thomas Rasmussen
11:30-12:00	6556	Addressing First-In-First-Out in System Optimal Dynamic Traffic Assignment on Multi Origin-Destination Networks	Niloofar Shakoori, Giovanni De Nunzio, Ludovic Leclercq
12:00-12:30	470	A Unified Framework for End-to-End Learning of User Equilibrium	Zhichen Liu, Yafeng Yin

Session 1.2: Mobility services (room U3)

Time	ID	Paper title	Authors
11:00-11:30	8926	Towards an integrated approach for the automatic design of feeder bus lines using agent-based simulation and combinatorial optimization	Tarek Chouaki, Sylvain Declercq, Sebastian Hörl
11:30-12:00	6655	Towards sustainable ride-pooling algorithms for autonomous cars: a comparative study of passenger satisfaction, taxi fleet usage and emission metrics	Klavdiya Bochenina, Laura Ruotsalainen
12:00-12:30	9666	Transit Network Design and Frequency Setting accounting for Vulnerability	Georgios Laskaris, Christina Iliopoulou, Konstantinos Kepaptsoglou

Session 1.3: Microbility (room U4)

Time	ID	Paper title	Authors
11:00-11:30	6257	Policy implications of shared e-scooter parking regulation: an agent-based approach	Paul Hurllet, Ouassim Manout, Azise Oumar Diallo
11:30-12:00	3837	Attitudes and Perceptions of Shared E-Scooter Parking in Stockholm, Gothenburg and Malmö	Boel Berg Wincent, Erik Jenelius, Wilco Burghout
12:00-12:30	4923	A latent class approach to classify e-scooter non-users in Helsinki, Finland	Samira Dibaj, Shaghayegh Vosough, Miloš Mladenović

Session 1.4: Demand modelling (room U5)

Time	ID	Paper title	Authors
11:00-11:30	6976	Predicting mode choice using boosted trees in a multi-level panel effect model	Pim Labee, Soora Rasouli, Seheon Kim
11:30-12:00	8384	Beyond i.i.d: complex Random Utility Model specifications with gradient boosting	Nicolas Salvadé, Tim Hillel
12:00-12:30	4416	Utility Function Specification: A Grammatical Approach	Shadi Haj-Yahia, Omar Mansour, Tomer Toledo

Session 1.5: Traffic management (room U6)

Time	ID	Paper title	Authors
11:00-11:30	5841	An incentive strategy for the retention of impatient passengers in ride-sourcing markets	Yuhan Liu, Hai Yang, Xiaoran Qin
11:30-12:00	7291	Connected Vehicle Data-Aided Ramp Metering for Distant Bottlenecks Induced by Traffic Accidents	Yu Tang, Jingqin Gao, Fan Zuo, Di Sha, Kaan Ozbay
12:00-12:30	7610	Hysteresis Phenomena Behind Freeway Bottlenecks	Alexander Hammerl, Ravi Seshadri, Thomas Kjær Rasmussen

Session 2.1: Traffic management (room U1)

Time	ID	Paper title	Authors
14:00-14:30	4622	Personalized Pareto-improving Congestion Pricing and Tradable Credit Schemes	Siyu Chen, Ravi Seshadri, Carlos Azevedo, Renming Liu, Yu Jiang, Moshe Ben-Akiva
14:30-15:00	9321	A Game-theoretical Model of Road Pricing with Endogenized User-equilibrium	Gaurav Malik, Chris Tampère
15:00-15:30	966	A Fundamental Analysis of the Impact on Traffic Assignment by Toll System of Electric Road System	Wataru Nakanishi, Noriko Kaneko

Session 2.2: Demand modelling (room U3)

Time	ID	Paper title	Authors
14:00-14:30	2936	An equilibrium-seeking search algorithm for modeling the integration of supply and demand	Serio Agriesti, Claudio Roncoli, Bat-Hen Nahmias-Biran
14:30-15:00	2928	A new Approach of Park-and-Ride within Travel Demand Modeling	Thomas Veit, Karl Hofer, Martin Fellendorf
15:00-15:30	9819	A Continuous Approximation for Demand Responsive Transport with Meeting Points	Richard Connors, Haruko Nakao, Francesco Viti, Tai-Yu Ma

Session 2.3: Active modes (room U4)

Time	ID	Paper title	Authors
14:00-14:30	9378	Heterogeneity in habitual active travel choices over the life course	Xiaoyue Chen, Astrid Kemperman, Harry Timmermans

14:30-15:00	6116	Studying Physiological Responses of Pedestrians Crossing Uncontrolled Urban Roads using Virtual Immersive Reality	Mohsen Nazemi, Bara Rababah, Daniel Ramos, Tangxu Zhao, Bilal Farooq
15:00-15:30	1988	Unveiling Pedestrian Safety Perceptions using Rasch Analysis	Neba C Tony, Taku Fujiyama, Geetam Tiwari, M Manoj, Niladri Chatterjee

Session 2.4: Data application (room U5)

Time	ID	Paper title	Authors
14:00-14:30	755	Multi-Source Urban Traffic Prediction using Drone and Loop Detector Data	Weijiang Xiong, Robert Fonod, Nikolas Geroliminis
14:30-15:00	1284	Estimating the perturbed utility route choice model with individual-level data	Mogens Fosgerau, Nikolaj Nielsen, Rui Yao, Mads Paulsen, Thomas Kjær Rasmussen
15:00-15:30	3901	Using posterior analysis to predict missing information in passively collected data	Azam Ali, Thijs Dekker, Stephane Hess, Charisma Choudhury

Session 2.5: Public transport (room U6)

Time	ID	Paper title	Authors
14:00-14:30	3564	Investigating the potential of aggregated mobility indices for inferring public transport ridership changes	Maximiliano Lizana, Charisma Choudhury, David Watling
14:30-15:00	7518	A Machine Learning Approach to adjust ridership computed from Wi-Fi data in Public Transport	Léa Fabre, Caroline Bayart, Yacouba Kone, Ouassim Manout, Patrick Bonnel
15:00-15:30	5501	Modeling and managing network crowding and congestion in mass transit with a revenue-neutral fare incentive scheme	Yili Tang, Otto Anker Nielsen, Jesper Blafoss Ingvardson

Session 3.1: Demand modelling (room U1)

Time	ID	Paper title	Authors
16:00-16:30	4576	Mode choice and credit trading behaviour under the premise of tradeable mobility credits	Nejc Gerzinic, Oded Cats
16:30-17:00	3748	Considering Indicators of External Costs in a Transportation Mode Choice Model	Filippos Adamidis, Mohamed Abouelela, Constantinos Antoniou

17:00-17:30	3217	A Dynamic Least-Cost Path Method for Incorporating the Street-level Built Environment into Mode Choice Utility	Corin Staves, Qin Zhang, Rolf Moeckel, Aruna Sivakumar, Tayebeh Saghapour, Ismail Saadi, Sm Labib, James Woodcock, Belen Zapata-Diomed
17:30-18:00	7415	Latent growth curve trajectories for travel mode attitudes during and after the COVID-19 pandemic	Roel Faber, Maarten Kroesen, Eric Molin

Session 3.2: Mobility services (room U3)

Time	ID	Paper title	Authors
16:00-16:30	4547	Personalised pricing in ride pooling to maximise expected profit	Michal Bujak, Rafal Kucharski
16:30-17:00	1149	People with disabilities in on-demand ridepooling: revealed demand patterns of wheelchair users and severely disabled passengers of MOIA in Hamburg	Nico Kuehnel, Felix Zwick, Tom-Erik Kuhlen
17:00-17:30	4885	Two-Sided Dynamics in Duoplistic Markets with Ride-hailing and Ride-pooling	Arjan de Ruijter, Roman Engelhardt, Florian Dandl, Nejc Geržinič, Hans van Lint, Klaus Bogenberger, Oded Cats
17:30-18:00	4765	Regulating Ride-Hailing Service Operations: Impact of Idle Distance Charge and Demand Distribution on Network Performance	Maryia Hryhoryeva, Ludovic Leclercq

Session 3.3: Micromobility (room U4)

Time	ID	Paper title	Authors
16:00-16:30	2317	Bike Sharing Systems: The Impact of Precise Trip Demand Forecasting on Operational Efficiency in Different City Structures	Selin Ataç, Nikola Obrenović, Michel Bierlaire
16:30-17:00	6849	On the Influence of Land Use and Weather in a Station-based Bike Sharing System	Lucas Schuhmacher, Gabriel Wilkes, Pia Tulodetzki, Martin Kagerbauer, Peter Vortisch
17:00-17:30	7029	Using Machine Learning to Assess the Relevance of Weather Conditions for Short-Term Demand Predictions in Bike-Sharing Systems	Marzieh Afsari, Mousaalreza Dastmard, Guido Gentile
17:30-18:00	2173	Which factors influence mode choice with bike and e-scooter sharing systems?	Nicolas Schoenn-Anchling, Silvia Varotto

Session 3.4: Railway (room U5)

Time	ID	Paper title	Authors
16:00-16:30	9015	The optimal speed of rail: Velocity and its impact on fares, frequencies, and subsidies	Daniel Hörcher, Roger Vickerman, Daniel Graham
16:30-17:00	3685	SAT-Generated Initial Solutions for Integrated Line Planning and Turn-Sensitive Periodic Timetabling with Track Choice	Niels Lindner, Berenike Masing
17:00-17:30	2000	Beyond Tracks: Modeling Intermodal Travel Behavior at Swiss Train Stations	Joschka Bischoff, Annette Knupp
17:30-18:00	9961	Possibilities to Replace Short-haul Flights with Train Travel when Accounting for Rail Capacity	Francesco Bruno, Mohammad Maghrour Zefreh, Oskar Fröidh, Oded Cats

Session 3.5: Safety (room U6)

Time	ID	Paper title	Authors
16:00-16:30	7796	Exploring Safety in Platoons of Connected Autonomous Vehicles: Investigating Emergency Braking Conditions and Collision Severity	Seshadri Naik Moode, Francesc Soriguera, Xiaoyu Zheng, Margarita Martínez-Díaz
16:30-17:00	4489	Exploring the Impact of Deceleration Rates on Traffic Incident Probability: A Case Study of Motorways in the Netherlands	Mahsa Movaghar, Neil Yorke-Smith, Hans van Lint, Serge Hoogendoorn
17:00-17:30	9401	An integrated accident injury severity and risk-taking behavior model for the evaluation of Via Sicura	Nicola Ortelli, Matthieu de Lapparent, Michel Bierlaire
17:30-18:00	3882	Understanding and Predicting Human Behavior in Interactions with Autonomous Systems in Urban Environments: A Systematic Review, Challenges, and Opportunities	Danya Li, Wencan Mao, Francisco Pereira, Yu Xiao, Xiang Su, Rico Krueger

Poster Session 1: Mobility services (lobby U)

Time	ID	Paper title	Authors
15:30-16:30	588	Ride-Time Volatility in Demand Responsive Feeder Services with Meeting Points	Haruko Nakao, Richard Connors, Tai-Yu Ma, Francesco Viti
15:30-16:30	9799	Promoting complementarity between micromobility services and public transportation in Amsterdam	Louis Balzer, Ludovic Leclercq
15:30-16:30	4414	Profitability of Vehicle-to-grid in Mobility-as-a-service: A Case Study of Eindhoven	Fabio Paparella, Pim Labeer, Theo Hofman, Soora Rasouli, Mauro Salazar
15:30-16:30	7125	Assessment of bus bridging strategies under unplanned public transit disruptions: a case study from Lyon, France.	Benjamin Cottreau, Ouassim Manout, Louafi Bouzouina

Poster Session 1: Transport policy (lobby U)

Time	ID	Paper title	Authors
15:30-16:30	9273	Pricing the Unseen: Revenue Management under Rationally Inattentive Travellers	Dimitrios Pappelis, Emmanouil Chaniotakis
15:30-16:30	8608	The Fragile Nature of Road Transportation Systems	Linghang Sun, Yifan Zhang, Cristian Axenie, Margherita Grossi, Anastasios Kouvelas, Michail Makridis
15:30-16:30	6716	The impact of company cars on fuel choice and car characteristics	Carl Berry, Maria Börjesson

Wed, 19 June

Session 4.1: Traffic management (room U1)

Time	ID	Paper title	Authors
10:30-11:00	1059	Traffic management based on large-scale traffic and high-resolution air pollution simulation	Janek Laudan, Sabine Banzhaf, Basit Khan, Kai Nagel
11:00-11:30	9798	Assessment of Environmental Impacts of Conflict-Reducing Traffic Control Strategies on the Arterial Streets	Slavica Gavric, Nikola Mitrovic, Aleksandar Stevanovic
11:30-12:00	459	Impact of traffic control measures in reducing pollutant dose by shifting from car commuting to walking to school	Khatun E Zannat, Kim N Dirks, Judith Y T Wang, David P Watling
12:00-12:30	1587	Beyond links: The power of path incentives in alleviating congestion and emissions in urban networks	Ramin Niroumand, Shaghayegh Vosough, Marco Rinaldi, Richard Connors, Claudio Roncoli

Session 4.2: Transport policy (room U3)

Time	ID	Paper title	Authors
10:30-11:00	5313	Auction-Based Tolling: An Economic Experiment to Address Risk-based Heterogeneous Bidding	Tung Vo, Michael Maness
11:00-11:30	3492	Cost-effective scenarios for reaching transportation climate targets	Jonas Eliasson, Maria Börjesson
11:30-12:00	1621	Experiences in the development and implementation of transport policy push measures at municipal, state and federal level: An empirical study from Germany	Fabian Drews, Christine Ahrend
12:00-12:30	2509	Who is more likely to support or oppose pedestrianization projects?	Hamed Naseri, Francesco Ciari, Ashraf Uz Zaman Patwary

Session 4.3: Demand modelling (room U4)

Time	ID	Paper title	Authors
10:30-11:00	4588	Household-level choice-set generation and parameter estimation in activity-based models	Negar Rezvany, Tim Hillel, Michel Bierlaire
11:00-11:30	3175	Modeling Crowd-Sourced Spatio-Temporal Flexibility Insights in Origin-Destination Matrices Estimation	Marisdea Castiglione, Guido Cantelmo, Ernesto Cipriani, Marialisa Nigro
11:30-12:00	145	Activity Sequence Modelling with Deep Generative Models	Fred Shone, Tim Hillel
12:00-12:30	4448	Robust population synthesis: a framework for reliability	Federico Bigi, Taha Hossein Rashidi, Giovanni Tataranno, Francesco Viti

Session 4.4: Electric vehicles (room U5)

Time	ID	Paper title	Authors
10:30-11:00	7742	Charging demand analysis in the face of overwhelming uncertainty	Gunnar Flötteröd
11:00-11:30	6892	Cost-Efficient Robust Network Design for BEBs: Tackling Energy Uncertainty with Limited Data	Sara Momen, Yousef Maknoon, Bart van Arem, Shadi Sharif Azadeh
11:30-12:00	8935	Influence of AFIR's charging station spacing requirement on heavy-duty vehicle electrification rate	Mattias Ingelström, Francisco J. Márquez-Fernández
12:00-12:30	7228	Electrifying the NYC Yellow Taxi Fleet: A simulation-based analysis of the relation between charging infrastructure requirements and lithium-intensity	Pei-Yu Chang, Nicolò Daina

Session 4.5: Travel behaviour (room U6)

Time	ID	Paper title	Authors
10:30-11:00	4223	The Gender Gap in Commuting Distance: Why do Women Commute Shorter Distances than Men?	Maria Börjesson, Elisabeth Lång
11:00-11:30	2532	Seasonal Trends and Sociodemographic Influences on Long-Distance Trips - A Case Study from Munich	Nico Nachtigall, Miriam Magdolen
11:30-12:00	8359	The road less travelled: A route choice experiment focusing on the safety of food delivery riders	Kuldeep Kavta, Shadi Sharif Azadeh, Yousef Maknoon, Gonçalo H. de Almeida Correia
12:00-12:30	5999	Development and Empirical Analysis of a Model for Matching Land Transaction Considering the Influence of Excursion Travel Behavior	Risa Kobayashi, Eiji Hato

Session 5.1: Multimodal transport (room U1)

Time	ID	Paper title	Authors
14:00-14:30	2869	Generating activity-specific multimodal trips from aggregated data sources	Ariane Scheffer, Richard Connors, Haruko Nakao, Francesco Viti
14:30-15:00	1986	Preference-based Optimization for Multimodal Trip Planning with Public Transport and Shared Mobility	Yimeng Zhang, Oded Cats, Shadi Sharif Azadeh
15:00-15:30	8894	Intermodal Traffic Assignment Modeling: Analytical and Simulation-based Approaches	Khadidja Kadem, Mostafa Ameli, Mahdi Zargayouna, Latifa Oukhellou

Session 5.2: Freight (room U3)

Time	ID	Paper title	Authors
14:00-14:30	7840	Codesigning decision pathways for road freight decarbonization	Phil Churchman, Thijs Dekker, Kate Pangbourne
14:30-15:00	4739	Optimising Cargo Consolidation for Port-Hinterland Inland Waterway Transportation	Chenghua Yang, Adrien Nicolet, Bilge Atasoy
15:00-15:30	1860	Control Function Approach for Addressing Endogeneity on the London-Amsterdam Bimodal Corridor	Thomas E Guerrero B, Nicolò Avogadro, Raul Ramos

Session 5.3: Traffic control (room U4)

Time	ID	Paper title	Authors
14:00-14:30	8313	Multi-hop Control Scheme for Urban Traffic Congestion Mitigation with Non-Compliant Users	Hossein Farahani, Kenan Zhang, Amir Abbas Rassafi, Ali Abdi Kordani
14:30-15:00	3620	Controlling Lane-Free Signal-Free Intersections via Model Predictive Control	Mehdi Naderi, Panagiotis Typaldos, Markos Papageorgiou
15:00-15:30	2408	NR-V2X for Cooperative Adaptive Cruise Control	Ameur Lelio Chelli, Maria Luisa Merani, Luca Lusvarghi, Riccardo Donà, Konstantinos Mattas, Biagio Ciuffo

Session 5.4: Mobility services (room U5)

Time	ID	Paper title	Authors
14:00-14:30	5653	Comparative assessment of fairness in on-demand fleet management algorithms	Tarek Chouaki, Sebastian Hörl
14:30-15:00	2367	Modelling and optimization of flexible users in large-scale ridesharing systems	Patrick Stokkink, Zhenyu Yang, Nikolas Geroliminis
15:00-15:30	5100	Simulating Semi-on-Demand Hybrid Route Transit Feeders with Shared Autonomous Mobility Services	Max Ng, Roman Engelhardt, Florian Dandl, Klaus Bogenberger, Hani Mahmassani

Session 5.5: Automation (room U6)

Time	ID	Paper title	Authors
14:00-14:30	270	Impact of automated driving regulations on traffic flow: The case of Automated Lane-Changing	Konstantinos Mattas, Giovanni Albano, Michail Makridis, Sándor Vass, Riccardo Donà, Biagio Ciuffo

14:30-15:00	9254	Deep Reinforcement Learning based Joint Optimization of the Traffic Signal and Autonomous Vehicles Considering Dynamic Uncertainties	Bin Zhou, Zhenyang Zhang, Panagiotis Angeloudis, Simon Hu
15:00-15:30	2616	Optimizing Automated Mobility on-Demand Operation with Markovian Model: A Case Study of the Tel-Aviv Metropolis in 2040	Gabriel Dadashev, Bat-Hen Nahmias-Biran

Session 6.1: Micromobility (room U1)

Time	ID	Paper title	Authors
16:00-16:30	6062	Capturing Spatial Heterogeneity in Cycling Accidents using a Latent Class Discrete Outcome Model	Miguel Costa, Carlos Lima Azevedo, Felix Wilhelm Siebert, Manuel Marques, Filipe Moura
16:30-17:00	3733	Modelling the urban mining potential of micromobility: A Finnish case study	Markku Karhunen, Claire Mosoni, Ajay Patil, Riikka Turkki, Siiri Perämäki, Ari Väisänen, Emilia Suomalainen
17:00-17:30	7406	Using an instrumented bicycle to explore the responses of cyclists to pavement characteristics and defects	Ioannis Kaparias, Shahjahan Miah, Alexander Chapman, Ben Waterson, Efsthios Milonidis

Session 6.2: Traffic control (room U3)

Time	ID	Paper title	Authors
16:00-16:30	6226	Joint Trajectory Planning for 1-D Snake-like Interruptible Vehicle Platoons in Lane-free Traffic	Niloufar Dabestani, Panagiotis Typaldos, Ioannis Papamichail, Markos Papageorgiou
16:30-17:00	5283	Data-enabled predictive control for dynamic traffic routing	Kai Zhang, Kenan Zhang, Linbin Huang, Giuseppe Belgioioso, John Lygeros, Florian Dörfler
17:00-17:30	4061	Stability Issues in Adaptive Cruise Control System and Traffic Implication	Riccardo Donà, Konstantinos Mattas, Sandor Vass, Giovanni Albano, Biagio Ciuffo

Session 6.3: Mobility services (room U4)

Time	ID	Paper title	Authors
16:00-16:30	2312	ArrivalNet: Predicting City-wide Bus/Tram Arrival Time with Two-dimensional Temporal Variations Modeling	Zirui Li, Meng Wang
16:30-17:00	5639	Public Transport Route Choice Model Based On Feature Importance Derived From Clustering Analysis	Gal Shachar Bekerovich, Shlomo Bekhor, Gal Shachar
17:00-17:30	23	Rationally Inattentive Route Choice by Link-Based Segments	Bo Zhou, Ronghui Liu

Session 6.4: Demand modelling (room U5)

Time	ID	Paper title	Authors
16:00-16:30	2594	Accounting for uncertainty in the presentation and valuation of travel time in SP experiments	Ariane Kehlbacher, Kerstin Stark, Laura Gebhardt
16:30-17:00	1248	A latent class approach to investigate user preferences and willingness to pay for Smart Technologies. Evidence from five European countries	Georgios Kapousizis, Baran Ulak, Karst Geurs, Paul Havinga
17:00-17:30	9927	Reassigning travel time savings under demanding income and time constraints: work or leisure?	Sergio Jara-Diaz, Rodrigo Contreras

Session 6.5: Electric vehicles (room U6)

Time	ID	Paper title	Authors
16:00-16:30	9125	Analysing the effect of heterogeneous preferences on electric vehicle adoption: The case of Denmark	Alfredo Jose Ojeda Diaz, Anders Fjendbo Jensen, Stefan Eriksen Mabit
16:30-17:00	902	Revealing hidden patterns in transactional charging data: new insights from public charging stations in Brussels and San Francisco	Simon Weekx, Gil Tal, Lieselot Vanhaverbeke
17:00-17:30	3722	Access to charging infrastructure and the propensity to buy an electric car	Ida Kristoffersson, Roger Pyddoke, Filip Kristofersson, Staffan Algiers

Poster Session 2: Demand modelling (lobby U)			
Time	ID	Paper title	Authors
15:30-16:30	3166	Stability of weekly active days using continuous revealed preference data	Ana Tsui Moreno, Santiago Álvarez-Ossorio Martinez, Rolf Moeckel, Klaus Bogenberger
15:30-16:30	6721	Action pattern recognition based on Action phases clustering	Xue Yao, Simeon Calvert, Serge Hoogendoorn
15:30-16:30	7418	A doubly-differentiable bounded choice model: formulation and application to three large-scale case studies	Laurent Cazor, David Watling, Lawrence Duncan, Thomas Rasmussen, Otto Nielsen

Poster Session 2: Large-scale modelling (lobby U)			
Time	ID	Paper title	Authors
15:30-16:30	4077	Decomposing graphs to balance virus spreading and efficiency using Graph Neural Networks	Magdalena Proszewska, Michał Bujak, Marek Śmieja, Jacek Tabor, Rafał Kucharski
15:30-16:30	4277	Bridging Epidemiology and Mobility: Creating a Policy-Aware Activity-Based Model for Epidemiological Studies	Cloe Cortes Balcells, Fabian Torres, Michel Bierlaire
15:30-16:30	4678	From Network Topology to Traffic: An investigation of the Relationship Between Network Topological Features and Traffic Data	Saman Behrouzi, Panchamy Krishnakumari, Irene Martinez Josemaria, Mario Romero, Serge P. Hoogendoorn, Hans van Lint
15:30-16:30	9993	The study of hypermobility through the lenses of big data and machine learning	Kone Yacouba, Manout Ouassim

Thu, 20 June

Session 7.1: Micromobility (room U1)

Time	ID	Paper title	Authors
09:30-10:00	3859	Stated Preference-Based Analysis of the Impact of Bicycle Parking Fees on the Occupancy and Benefits of Bicycle Parking Stations	David Kohlrantz, Tobias Kuhnimhof
10:00-10:30	7955	From Counting Stations to City-Wide Estimates: Bicycle Volume Extrapolation With Multi-Source and Sample Data	Silke Kirstin Kaiser, Nadja Klein, Lynn H. Kaack
10:30-11:00	4076	Who commutes by bicycle all year round? Analysis of influencing factors based on a survey incorporating weather sensitivity	Pia Tulodetzki, Gabriel Wilkes

Session 7.2: Traffic flow theory (room U3)

Time	ID	Paper title	Authors
09:30-10:00	4764	Modeling Link-level Urban Traffic Dynamics based on Corridor Macroscopic Fundamental Diagram	Ying-Chuan Ni, Anastasios Kouvelas, Michail Makridis
10:00-10:30	574	Dynamic multi-region macroscopic fundamental diagram stochastic user equilibrium: model framework and parameter estimation in a real-life large-scale case study	Lawrence Duncan, Thomas Rasmussen, David Watling, Otto Nielsen
10:30-11:00	6119	Detecting car-following and platoons within traffic using the dynamic time warping algorithm	Thibault Charlottin, Silvia Francesca Varotto, Christine Buisson

Session 7.3: Mobility services (room U4)

Time	ID	Paper title	Authors
09:30-10:00	3296	ShuttleSLAM: An Integrated Feeder and Arterial Bus Service Without Transfers	Zaid Saeed Khan, Monica Menendez
10:00-10:30	4007	Public Transport Stop Selection to Reduce the Inequality in the Distribution of Accessibility	Duo Wang, Andrea Araldo, Mounîm A. El Yacoubi
10:30-11:00	695	Assessing the operational performance of ridesharing-enabled shared autonomous vehicles fleets	Ze Zhou, Serio Agriesti, Claudio Roncoli, Lampros Yfantis, Bat-Hen Nahmias-Biran, Jordi Casas

Session 7.4: Public transport (room U5)

Time	ID	Paper title	Authors
09:30-10:00	9087	Using temporal public transport demand profiles to reveal urban spatial patterns	Alonso E. M. de Villafranca, Zhiren Huang, Charalampos Sipetas
10:00-10:30	429	Modeling and prediction of passenger boardings at transfer nodes of public transport networks	Federico Gallo, Francesco Corman

10:30-11:00	8554	The Effects of a Real-Time Public Transport Information App on Travel Behaviour, Traffic Levels and the Environment	Bastian Henríquez-Jara, Jacqueline Arriagada, Kimberly Montenegro, Alejandro Tirachini, Marcela Munizaga
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Session 7.5: Future mobility (room U6)

Time	ID	Paper title	Authors
09:30-10:00	8750	Engaging in Activities while in an Automated Car Increases the Willingness to Tolerate Longer Travel Times	Esko Lehtonen, Fanny Malin, Elina Aittoniemi, Satu Innamaa
10:00-10:30	1101	The roles of perceived personal safety and perceived vehicle safety in the choice of fully automated taxis: trust as a mediator	Hao Yin, Elisabetta Cherchi, Mohsen Nazemi, Thomas Zhao, Bilal Farooq
10:30-11:00	2637	Examining the process of carsharing adoption in the Netherlands: roles of car ownership, motivations, barriers and mobility habits at different transition points	Jingran Xu, Dea van Lierop, Dick Ettema