The Association for European Transport presents

Programme subject to change

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European Transport Conference 2026

Friday 11 Sep 2026				
	Session 8	**Session 9**	**Session 10**	**Session 11**
Stream	**09:30 - 11:00**	**11:30 - 12:30**	**14:00 - 15:30**	**16:00 - 17:30**
DATA - STREAM A	**DYNAMIC POPULATION REPRESENTATION** **Session chair: Filippo Contiero** **Room:** B023 **Germany's synthetic population: A unified framework for transport models of all granularities** Ella Eisemann, Daniel Krajzewicz, Tudor Mocanu, Nina Thomsen **Beyond administrative residence: a comparison between Official Population Statistics and MND-based presence data** Mario Tartaglia, Lorenzo Vannacci, Chiara Bonvicini, Luigi Galieni, Alessandro De Cicco, Luigi Mancino, Bruno Zamengo, Andrea Frasson, Andrea Zaramella, Dario Di Sorte **Innovative approach to delineating Functional Urban Areas: a Mobile Data perspective** Mario Tartaglia, Lorenzo Vannacci, Luigi Galieni, Chiara Bonvicini, Bruno Zamengo, Dario Di	**MOBILE NETWORK DATA** **Session chair: Philippe Perret** **Room:** B023 **Exploring Gender Mobility through MND data: Opportunities and Challenges** Mario Tartaglia, Lorenzo Vannacci, Luigi Galieni, Chiara Bonvicini, Roberta Calcina, Chiara Belingardi **Methods for the analysis of Aggregated Mobile Network Data at the Italian level** Federico Silvestri, Luigi Galieni, Chiara Bonvicini, Mario Tartaglia, Michela Longo		

	Sorte, Alessandro De Cicco, Eddie Rossi, Lorenzo Lapi, Sara Nourbakhsh, Andrea Zaramella, Luigi Mancino			
DATA, INTELLIGENT MOBILITY MANAGEMENT AND OPERATION			**MONITORING TRAFFIC AND SAFETY (SPONSORED BY ASCENDI)** **Session chair: João Valente Neves** **Room:** B020 **Integrating UAV Observations and GPS Big Data for Traffic and Safety Monitoring at Complex Intersections** Luigi Sanfilippo, Laura Marshall, Tiziana Campisi, Giuseppe Salvo, Vito Frangiamore **Beyond the Collision: A data driven approach for assessing the Delay Impacts of Road Collisions** Khaled Abdullah, Chris Shipway, Jason Carlisle, Pawel Kucharski, Usman Ali, Roger McGrath Himlin **Crash risk indicators for road safety management in Portuguese motorways** Diogo Rocha, Ana Loureiro, Joao Neves, Telma Silva, Sara Ferreira, Sergio Pedro Duarte	
DATA, TRANSPORT MODELS		**MACHINE LEARNING** **Session chair: Oliver Charlesworth** **Room:** B014 **High-Resolution Structural Data Creation for Travel Demand Models Using Machine**		

		Learning and Large Language Models Dr Thomas Nikodem, Muhammad Ahmad Chaudhry **Determining weaving zone capacities through a neural network** Stijn Tonnelier, Jan De Coster, Bruno Ville, Katia Organe		
FREIGHT & LOGISTICS, YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM			**LOGISTIC NETWORKS I** **Session chair: Martijn van der Horst & Emmanouil Nisyrios** **Room:** B017 **Freight logistic platforms: A critical mapping the fragmented regulatory landscape in Europe** Nour El Alaoui **Last-Mile Delivery Challenges and Innovations: A comparative Analysis of EU Urban Logistics** Luciano Faria de Carvalho Oliveira, Matheus Basilio Silva Gaia **Towards the Digitalisation of Mediterranean Ports: Enabling Carbon Footprint Monitoring and Driving Logistics Innovation** Andrea Lorenzini, Claudio Disperati, Antonella Querci, Francescalberto De Bari	
FREIGHT & LOGISTICS - STREAM A		**HGV ELECTRIFICATION** **Session chair: Olga Gotalay** **Room:** B017 **Living lab heavy duty charging hubs**		

		Rob de Groot, Stephan van Zyl **Electrification of Heavy-Duty Trucks: Can Charging Infrastructure Keep Up?** Markus Werner		
FREIGHT & LOGISTICS - STREAM B	**FREIGHT MEASURING** **Session chair: Olakunle Faleti** **Room:** B020 **Freight Transport in Building Construction: Identification of Construction Phase-specific Transport Behaviour** Sabrina Puslat, Samuel Hjorth, Christoph Moenicks, Bert Leerkamp **Freight Transport Mileage Indices for Road, Inland Waterway, Rail and Maritime Transport** Lisa May, Philipp Parche, Vigile Marie Fabella, Katja Broeg	**SHARED URBAN FREIGHT** **Session chair: Sandra Melo** **Room:** B020 **Building collaborations in last-mile logistics: Insights from Porto's pick-up point network** Vasco Silva, Alexandra Morais Carvalho, Ana Lemos, Tania Fontes **Urban logistics and the net zero communities** Sandra Melo, Anselmo Cardoso		
GLOBAL TRENDS IMPACTING TRANSPORT - STREAM A	**MOBILITY EQUITY AND ACCESS** **Session chair: Vladimir Momčilović** **Room:** B022 **Spatial distributional effects of transport carbon pricing** Dr. Stephan Keuchel **ROAD NETWORKS AND CLIMATE CHANGE: ASSESSMENT AND OPINION OF INFRASTRUCTURE EXPERTS** Eleftherios Tagkas, Dr Fotini Kehagia		**ELECTRIFICATION AND DECARBONISATION** **Session chair: Vladimir Momčilović** **Room:** B022 **Value Creation Opportunities for Intermediate/Light Electric Vehicles (ILEVs) towards Low-Carbon and more Flexible Mobility** Dr Mariana Reyes, Marion Guillebot de Nerville, Dr Felix Carreyre **From Mobility Data to Climate Metrics: Applying Vehicle Telematics to Urban Decarbonisation**	

			Analysis Dr Omid Ghaffarpasand, Prof Francis D. Pope **AI-Driven Digital Twin for Real-Time Urban Traffic and Emission Monitoring** Ruiwei CHEN, Martijn Hollestelle, Teemu Sihvola	
INTELLIGENT MOBILITY MANAGEMENT AND OPERATION - STREAM A	**DIGITAL TWINS FOR QUICK SCAN ANALYSIS (SPONSORED BY GRUPO BRISA)** **Session chair: Antonio Lobo** **Room:** B016 **Mapping risks before they become reality: the power of quickscan traffic models in road safety policy** Ann Vanclooster, Pieter Van Houwe **Digital Twin for Mobility (DT4MOB): A Mobility Digital Twin Platform for Real-Time Traffic Operations, Infrastructure Asset Management, and Climate Resilience Impact** Vinicius Barbon, Paulo Barros, Tiago Santos, Ivo Romeiro, Joao Almeida, Joaquim Ferreira, Diogo Gomes **Multimodal Mobility Management for Large-Scale Sporting Events: The Porto Mobility Living Lab** Lara Trigueiro Moura, Monica Yara Pereira, Ana Vieira da Silva, Claudia Ferreira	**EV CHARGING** **Session chair: Colin Chick** **Room:** B016 **Quantification of V2G flexibility in a generic European urban area: A scenario-driven and rule-based approach** Babak Ravanbach, Tisona Sony, John E. Anderson **A framework for projecting future electric vehicle charging demand at Motorway Service Areas in England** Jack Marcis Burog, Michael Boother		
INTELLIGENT MOBILITY MANAGEMENT AND		**SPECIAL SESSION: SAFETY WORKSHOP**		

OPERATION - STREAM B		**Session chair: Delia Valastro** **Room:** B116		
LOCAL PUBLIC TRANSPORT - STREAM A	**DATA-DRIVEN PUBLIC TRANSPORT** **Session chair: Marta Campos Ferreira** **Room:** B021 **Updating Public Transport Modelling Guidance in Ireland** Michael Swiderski **A Data-Driven Microscopic Simulation Framework for Trip-by-Trip Analysis of Urban Bus Operations in Mixed Traffic Conditions** Lucia Valeiro Mata, Enrique Cabarcos Pita, Margarita Novales Ordax, Alfonso Orro Arcay **From Strategy to Delivery: Evidence on What Works, Where and Why for Local Bus Interventions in England** Jordan Di Trapani, Anu Carew, Catherine Etienne		**INCLUSIVE PUBLIC TRANSPORT** **Session chair: Sara Ferreira** **Room:** B116 **Designing a Safer and More Inclusive Bus Driver's Cab: TfL's vision, research and engagement in support of new standards for the bus driver's cab** Rachel Birrell **Inclusive passenger information through multisensory communication** Roy Kleise, Frouck de Boer **How digitization can induce accessibility and usability in local public transport: The project "Digi4ALL"** Dr. Elmar Fuerst, Alexandra Onea, Dr. Irene Sudy	
LOCAL PUBLIC TRANSPORT - STREAM B			**SPECIAL SESSION: DRIVING A POSITIVE CHANGE (SPONSORED BY UNIVERSIDADE DO MINHO & LNEC)** **Session chair: Elisabete Arsénio & Paulo Jorge Gomes Ribeiro** **Room:** B027 **Sensing the Risks: How Emerging Technologies Enhance Micromobility Safety in the Complex Dynamics of Public Transport Areas** Gabriel Dias,	

			Elisabete Arsenio, Vania Marecos, Paulo Ribeiro **GBFS for Micromobility Integration: Community Tools and Emerging Applications** Sofia Cerqueira, Elisabete Arsenio, Gabriel Dias, Paulo Ribeiro, Cesar Coutinho **Spatiotemporal Analysis of Shared Micromobility Data for Sustainable Urban Mobility Planning: A case Study in the city of Braga, Portugal** Elisabete Arsenio, Gabriel Dias, Sofia Cerqueira, Paulo Ribeiro, Tommaso Alesso	
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT - STREAM A	**ACCESSIBILITY I** **Session chair: Michael Bach** **Room:** B015 **Planning Housing Growth with minimal extra mobility** Hans Voerknecht **Equitable access to digital mobility: A capability approach based on the experiences of visually impaired travellers** Akos Dancz, Zoltan Bajmocy, Andreasz Kosztopulosz, Anna Maria Ballai, Andras Munkacsy **Collaborative Accessibility-Based Contribution Model for Sustainable Development in Kent, UK** Nasim Ghadirzadeh	**ACCESSIBILITY II** **Session chair: Stella van Lent** **Room:** B015 **The Summer School on accessible, barrier-free and inclusive cross-border public transport – The first three years´ experience** Dr. Elmar Fuerst, Birgit Langeder, Dr. Irene Sudy **How affordable is accessibility? The role of travel costs in job accessibility disparities between income groups across the Netherlands.** Dr Jeroen Bastiaanssen, Marnix Breedijk, Dr Danielle Snellen		**ACCESSIBILITY, PLANNING PROCES** **Session chair: Stephen Cragg** **Room:** B015 **The Characteristics of Sustainable Accessibility in Large Scale Housing Developments** Dr David Knight **Beyond Accessibility: Measuring the urban impact of Barcelona's L9/L10 metro line** Marc Modolell Rodriguez, Javier Ortigosa Marin, Joan Moreno Sanz **Napoli Porta Est** Delia Valastro
PLANNING FOR SUSTAINABLE LAND USE AND		**STREET DESIGN** **Session chair: Rebecca**	**TRAVEL BEHAVIOUR** **Session chair:**	

TRANSPORT - STREAM B		**Hawthorne** **Room:** B027 **Active mobility and retail in mid-sized German city centers: a cluster-based typology for sustainable cores** Jasmin Hiller **Child-Centered Street Reallocation: Integrating Innovative Data Collection and Co-Design in the REALLOCATE Project** Mateo Gudic, Dr. Ungku Norani Sonet	**Marie-José Olde Kalter** **Room:** B014 **Integrating Job Choice and Commuting Mode Choice in the Presence of Light Electric Vehicles** Dr. Yajie Yang, Dr. Valeria Caiati, Prof. dr. Soora Rasouli **Students on the move: a Dutch case study** Dr Lizet Krabbenborg, dr Marije Hamersma, Iris Roeleven **Stability of Journey Frequence and Mode Choice Determinants in Overnight Journeys** Anne Kathrin Lorenz, Nicolas Salbach, Miriam Magdolen, Peter Vortisch	
RAIL POLICY AND PLANNING			**OPTIMISING RURAL LINES** **Session chair: Manuel Tao** **Room:** B033 **Reopening the "Beeching cuts" Branch Lines – lessons on evaluating rail infrastructure enhancements in GB** Emma Pym, Alex Hayes **Using AI and QGIS to generate population and employment data for station catchments** Ann Marsden	**RAIL CUSTOMERS** **Session chair: Tara Tanoz-Sargeant** **Room:** B033 **'More, happier passengers? The role of value for money in driving rail passenger satisfaction'** Anthony Smith **Crowding acceptability measured in the moment of truth: a strong predictor for customer satisfaction** Menno de Bruyn, Mark van Hagen **Evaluation and calibration of low-cost sensors for indoor air pollution monitoring in trains** Ana Catarina T. Silva, Pedro T.B.S. Branco, Fernando G. Martins, Sofia I. V. Sousa

RAIL POLICY AND PLANNING, YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM	**RAIL INTEGRATION** **Session chair: Eka Hintaran** **Room:** B027 **The 15-Minute City and Long-Distance Mobility: Unequal Access to Intercity Rail in Spanish Cities** Fernando Fernandez Bonilla, David Diaz Rivas, Aurora Ruiz Rua **System Integration of Suburban Rail and Metro in Budapest: The Case of the H5–M2 Connection** Krisztian Solymosi, Dr Akos Vinko, Zsigmond Pap			
SYSTEMS THINKING		**WORKSHOP: WHO SHAPES TRANSPORT? EXPLORING TRANSPORT GOVERNANCE THROUGH SYSTEMS THINKING** **Session chair: Gillian Harrison** **Room:** B120 **Who Shapes Transport? Exploring transport governance through systems thinking** Gillian Harrison, Luc Ampleman, Olivia Gold ***Guest speakers:*** *Gillian Harrison; Luc Ampleman; Olivia Gold*		
TRANSPORT ECONOMICS FINANCE AND APPRAISAL - STREAM A	**INFRASTRUCTURE, DEMAND AND EFFICIENCY** **Session chair: Rimon Rafiah** **Room:** B026 **Assessing Societal Impacts and Costs of Failing Infrastructure: Methodological Framework and Case Study from**		**PRICING AND BEHAVIOUR** **Session chair: Jan Helmer** **Room:** B026 **What car drivers pay for parking – exploring parking expenditure** Conny Louen, Laura Merten, Niklas Hoeing, Tobias Kuhnimhof	

	the Netherlands Gerra Witting, Monique van den Berg, Anna Krabbe Lugner, Jon Barlow, Jan Helmer **One year of the Silvertown Tunnel: a new river crossing in east London** Grace Burke		**How does a price increase impact bicycle-sharing usage? A case study from Budapest** Agnes Molnar, Zombor Berezvai **(Spill-Over) Effects of Commuting Subsidies on Travel Mode Choice** Aslan Zorlu, Mirjam Schindler **Planning Sustainable Cycle Infrastructure Using Travel Behaviour Data Solutions – A Review of Activity Modelling Experience in the Netherlands, Finland and the UK** Dr David Carrignon, Martijn Hollestelle	
TRANSPORT ECONOMICS FINANCE AND APPRAISAL, YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM		**MOBILITY ECONOMICS** **Session chair: Gabriel Dias & Andre Goncalves** **Room:** B026 **Workforce-Focused Cost–Benefit Analysis of Connected, Cooperative and Automated Mobility: Evidence from European Case Studies** Dennis Verbist, Evy Rombaut, Lieselot Vanhaverbeke **Free ferry in Norway: traffic and economic effects** Xibei Wen		
TRANSPORT MODELS - STREAM A	**ASSIGNMENT** **Session chair: Jan De Coster** **Room:** B029 **Transformer-Based Deep Learning for Maximum Entropy Path Flow**		**ABM APPLICATIONS** **Session chair: Peter Davidson** **Room:** B029 **CyclONE: Integrating Stochastic Bicycle**	

	Estimation in Transportation Networks Sakshi Atul Charde, Dr. Durre Nayab, Dr. S Travis Waller **Combining bespoke transport systems in network assignment to narrow the gap with demand modelling** Kurt Verlinden, Jan De Coster, Tim Heirman, Katia Organe, Annelies Verheijen **Why detailed junction modelling is essential for strategic traffic models** Bastiaan Possel, Lieuwe Krol, Geert Jan Wolters		**Assignment with Highway Assignment for Network-Wide Assessment of Cycling Impacts in London** Christopher Papaioannou, Georgios Mesionis **Fit-for-purpose equity assessment: auditing Agent-based Models through the Capabilities Approach perspective** Dr Esta Qiu, Vahid Noroozi, Dr Chengqi Lu, Prof. Travis Waller, Prof. Regine Gerike **Agent-based passenger-car stock projection with integrated new and used vehicle markets: modelling heterogeneous household purchase decisions** Aron Moritz, Andreas Radke	
TRANSPORT MODELS - STREAM B	**AI, MACHINE LEARNING AND DIGITAL ANALYTICS AND REPORTING** **Session chair: Stephen Rutherford** **Room:** B033 **The Fracture of Monolithic Modelling as an Existential Imperative in the Age of AI** Rui Rodrigues, Alvaro Costa **Quetzal: A comprehensive open-source library for macroscopic transport modelling** GOIX Robin, CHASSERIEAU Quentin, BOIVIN Simon, FORTIN Simon	**ADVANCED MODELLING APPLICATIONS** **Session chair: Paul Hoad** **Room:** B021 **Modelling Solitary and Shared Autonomous Mobility with Demand-Responsive Transit: A Scenario Analysis for Flanders** Christopher Papaioannou **Mixed-use Buildings as Small Vertical Cities** Sepehr Khaleghian		

TRANSPORT MODELS - STREAM C	**STRATEGIC TRANSPORT MODELS** **Session chair: Laurence Chittock** **Room:** B014 **Time and Money Budget Constraints in Strategic Transport Models** Barry Zondag, Luuk Brederode, Marco Kouwenhoven, Eva Dijkstra, Dylan Mulders, Robert Cellissen **The pivot-point method revisited: Limitations and improvements** Jan Kiel, Mara Smeele, Monique van den Berg **Learning from 25 years of TfL's travel demand forecasting** Emily Gay			
YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM - STREAM A			**SAFE OPERATIONS** **Session chair: Bruno Couto Oliveira & Alberto Gonzalez-Zaera** **Room:** B120 **Project Rakshak: A Mentored Youth Led- Policy Framework for Strengthening Road Safety in Low- and Middle-Income Countries** Deepanshu Gupta **An Experimental Driving Simulator Protocol for Truck Driver Fatigue Research** Tiago Fonseca, Sara Ferreira **Optimization approach for planning urban on-street parking considering car and truck users.** Maira Delgado	

			Lindeman, Andres Rodriguez Gutierrez, Jose Luis Moura, Julian Arellana	