The Association for European Transport presents

Programme subject to change

Generated 15 Sep 2026 15:29

European Transport Conference 2026

Wednesday 9 Sep 2026				
Plenary Session	**09:00 - 10:30**			
	Session 1	**Session 2**	**Session 3**	**TMF Debate**
Stream	**11:00 - 13:00**	**14:30 - 16:00**	**16:30 - 18:00**	**18:00 - 19:00**
AVIATION		**AIRLINE EMISSIONS I** **Session chair: Johnny Ojeil** **Room:** B027 **Emission Reduction and Airport Capacity Constraints Relief by Integration of (hybrid) Electric Aircraft in the Intra-European Air Transport Network and optimized Allocation of SAF** Dr. Nico Fluethmann, Dr. Marc Gelhausen, Alexandra Leipold, Antje Link, Lena Neubacher, Patrick Ratei, Hannah Hoppe **Modelling the Transition to Zero-Emission Flights: End-to-End Hydrogen Operations UK Airports** Dr Rimali Mitra, Gerard Taykaldiranian **Evolution of CO_2 Emissions in Aviation: Global and European Context – Longitudinal Analysis and Environmental Policy Perspectives** MARCU ANA MARIA	**AIRLINE EMISSIONS II** **Session chair: Johnny Ojeil** **Room:** B027 **GRIDcast and OpenAirClim: An Efficient Framework for Scenario-Based Aviation Emissions Modeling and Climate-Impact Assessment** Ruben Grunau, Dr. Katrin Dahlmann, Benjamin Luehrs, Dr. Malte Niklass, Lucas Niebuhr, Dr. Marc Gelhausen, Dr. Stefan Voelk, Prof. Dr. Volker Grewe **Flights to climate-neutrality by 2050** Dr. Niels Buus Kristensen, Dr. Inga Margrethe Ydersbond **Towards Net Zero Carbon Airports: Integrating CO_2 Baselines, Behaviour, and Uncertainty-Aware Simulation for Surface-Access Decarbonisation** Davide Floridi, Daniele Di Antonio, Francesco Ciaffi, Daniele Mancuso	
DATA - STREAM A	**SURVEYS I** **Session chair: Oliver**	**SURVEYS II** **Session chair: Len Johnstone**	**VIDEO AND RESILIENCE** **Session chair:**	

	Charlesworth **Room:** B023 **Comparing Travel Demand Models Estimated Using App-Based and Self-Reported Travel Survey Data** Zakiya Aryana Pramestri, Trude Torset **AI-Enabled Time Use Data for Activity-Based Models and Transport Digital Twins: Fusing Smartphone Sensing and Time Use Surveys** Patrizia Franco, Nila Sari, Leia Torres Chavez, Caroline Broughton Smith, George Economides	**Room:** B023 **From bespoke surveys to one standard for customer experience measurement: building a comparable evidence base across trains, stations, city centres and walking routes** Rick Schotman, Mariska van Essen, Mark van Hagen **Empowering citizens for sustainable urban mobility transformation in cities via sensor-based data: tales from the North and the South of Italy** Giulia Galbiati, Gaia Sgaramella, Nadia Giuffrida, Michela La Pira, Delia Valastro **An alternative approach to estimate the journey purpose split without surveys** Diogo Magrico	**Rodrigo Fernandes** **Room:** B023 **Probabilistic Origin–Destination Estimation for Urban Corridors Using Video-Based Traffic Data** Dr Walaa Shoieb, Dr Liam Butler, Mr Pierre Zarha, Ms Claire Ciancio, Mr Johan Zammit, Dr Odette Lewis, Dr Kenneth Scerri **Comparison of manual and automated infrastructure label extraction for harsh event prediction** Julia Alves Porto, Apostolos Ziakopoulos, John Avgeros, Daniel Felipe Lopez, George Yannis	
DATA, INTELLIGENT MOBILITY MANAGEMENT AND OPERATION		**DATA-DRIVEN ROAD SAFETY** **Session chair: Luc Wismans** **Room:** B020 **Data-driven Road Safety: A systematic & replicable data to design model** Andrea Colovini **Prediction of Crash Severity in Portuguese Collisions and Run-off-Road Accidents with Machine Learning** Bertha Santos, Victoria Pita	**INTEGRATING DATA FOR SAFETY** **Session chair: Yun Pang Flötteröd** **Room:** B020 **BE-SAFE: Initial Developments in a Data-Driven Framework for Cyclist Safety in Smart Cities** Bertha Santos, Francisco Falcone, Renato Lo Cigno, Ruxandra Cristina Stanescu, Jorge Goncalves, Lorenzo Ghiro, Jonathan Sandoval **Weathering the Storm: A Data-Driven Assessment of Road Network**	

			Resilience Dr Neil Ferguson, Dr Volkan Ates, Marinos Tsiplakis, Professor Edoardo Patelli **A data-based decision-support-system on road safety** Salvatore Podda, Davide Floridi, Daniele Di Antonio, Pierluigi Coppola	
DATA, TRANSPORT MODELS			**ACTIVE TRAVEL AND MICROMOBILITY** **Session chair: Rimon Rafiah** **Room:** B026 **Modelling Cycling Uptake in Activity-Based Models: Are we on the right track?** Martijn Hollestelle, Ruiwei Chen, Teemu Sihvola **Integrating built environment and behavioural drivers to promote sustainable micromobility: Evidence from revealed and stated preference data in Gothenburg** Dr. Erika Martins Silva Ramos, Dr. Kun Gao, MSc. Yinghao Chen, Dr. Flavia Lopes, Dr. Jorge Gil **Co-Creating Inclusive Micromobility for Safe, Healthy, and Integrated Regional Transport** Patrizia Franco, Bradley GOODSELL, Leia TORRES CHAVEZ, Anna Foss, Aaliyah SAIB, Maureen JAISEY	
FREIGHT & LOGISTICS - STREAM A	**ROAD FREIGHT** **Session chair: Olakunle Faleti** **Room:** B017 **Driver Shortages and**	**FREIGHT MODELS** **Session chair: Felipe Bedoya Maya** **Room:** B017 **CitiEU developed a**	**FREIGHT MODEL APPLICATIONS** **Session chair: Martijn van der Horst** **Room:** B017	

	Countermeasures in Aging Societies Edgar Jungblut, Dr. Thomas Grube, Prof. Dr. Jochen Linssen, Prof. Dr. Andrew Chapman **The Resilience of Road Freight Transport in The Netherlands** Michiel de Bok, Job van Vliet, Kim Ruijs **Viability Analysis of a Cross Border Dangerous Goods Vehicles Parking Network in Galicia and Northern Portugal** Alberto Martin Gonzalez Zaera **Brazil's Heavy-Duty Vehicles: How Far Do They Go?** Gustavo Willy Froitzheim, Erica Vieira Marcos, Fernanda Rezende, Jefferson Cristiano, Raflem Santos, Wlliane Magna, Rafael Borges	**transport model covering the Mediterranean and Black Sea basins, with particular attention to Tunisian ports and their performance in comparison with competing ports in neighboring countries. The model integrates AIS-based vessel m** Hristiyan Hristov, Dr. Jai Malik **Intelligent Access Policy schemes as a data driven governance framework for seamless cross-border freight transport** Claudia de Stasio, Vardhman Lunkar **Advancing Urban and Inter-Regional Freight Planning in the Gulf Region: Architecture and Applications of the Dubai Freight Model (DFM)** Sebastiaan Thoen, Michiel de Bok, Sofia Giasoumi, Rodrigo Tapia	**On-Ramp Merging in Mixed Traffic with Truck Platoons: Human Merge Decisions** Telmo Botelho, Sergio Pedro Duarte, Sara Ferreira, Antonio Lobo **Understanding Heterogeneity in Craft Service Travel: A Qualitative and Quantitative Analysis of Firm Structures and Mobility Patterns** Emre Goerguelue, Peter Vortisch **From Links to Nodes: Uncovering Critical Infrastructure in Multimodal Transport Networks** Adrien Nicolet, Jan Kiel	
GLOBAL TRENDS IMPACTING TRANSPORT - STREAM A	**RESILIENT TRANSPORT SYSTEMS** **Session chair: Vladimir Momčilović** **Room:** B022 **Improving Transport Crisis Response Capability using Knowledge Graphs and Agent-Based Modelling** Ms. Ana Rodriguez Coteron, Mr. Ryan Curry, Mr. Michael Fitzmaurice, Dr. Gerard Casey, Dr. George Economides, Ms. Nila Sari, Mr. Craig Drury, Mr. Tom	**EMISSIONS, METRICS AND TRANSITIONS** **Session chair: Paul Hoad** **Room:** B022 **A New Tool for Measuring Road User Carbon Emissions** Michal Sanca, Dr Paul Hoad **Transforming Land Transport in Saudi Arabia: Modeling Energy, Emissions, and Policy Futures to 2060** Yagyavalk Bhatt **Transport Emissions Model**		

	Pond **From sensing to impact: A data-driven monitoring and KPI framework for resilient multimodal transport systems** Emmanouil Nisyrios, Matina Lai Ying Chau, Xenia Karekla, Konstantinos Gkiotsalitis **CO-DESIGNING ACCESS IN INNER AREAS: THE MOBILITY MANAGEMENT MODEL FOR NORTHERN TUSCANY** Matteo Scamporrino, Giovanna Montoro, Luca Fioravanti	**for Northern Ireland** Dr David Deakin, Duncan Urquhart, James Redmond, Lorraine Barry			
INTELLIGENT MOBILITY MANAGEMENT AND OPERATION - STREAM A	**COOPERATION IN TRAFFIC MANAGEMENT (SPONSORED BY SOLTRAFEGO)** **Session chair: Luis Tavares** **Room:** B016 **The Value of Public-Private Cooperation for Proactive Traffic Management: A Game-Theoretical Analysis of Infrastructure Renovation Scenarios** Luc Wismans, Oskar Eikenbroek, Eric van Berkum, Henk Taale **Dynamic Lane Configuration and Cooperative Autonomous Vehicles: Transitioning from Empirical Evidence to Smart Road Strategies** Luigi Sanfilippo, Marco Guerrieri **Using open-road experimental evaluation of**				

	driving behaviour to tune human-like CCAM solutions Javier Romo Garcia, Marta Ingelmo Gomez, Jorge Velasco Manrique, Cesar Maestro Martin **A Cooperative Ramp Control Strategy Combining Metering, Gap Detection and CACC** Telmo Botelho, Rafael Vieira, Sergio Pedro Duarte, Jose Pedro Tavares			
LOCAL PUBLIC TRANSPORT - STREAM A	**ACCESSIBLE PUBLIC TRANSPORT - OVERCOMING BARRIERS** **Session chair: Iain Macbriar** **Room:** B021 **Impacts of Visual-Auditory Warnings on VRU behaviour at a Light-Rail Intersection in Helsinki** Johannes Mesimaki, Merja Penttinen, Nino Chkhartishvili, Antonio Costa **Beyond ramps and low floors: Soft barriers limiting accessibility gains in public transport—evidence from Czechia** Eva Adamovska, Tereza Hrstkova		**NEW SERVICES TO LEVERAGE PUBLIC TRANSPORT** **Session chair: Betty Leow** **Room:** B021 **WeeDRIVE the Shift: Early Lessons from a Microtransit Service for After-School Trips** Anne S. Patricio, Matheus Correia, Giorgos Demosthenous, Prof. Maria Kamargianni **From data-driven to knowledge-integrated: A human-centered framework to embed drivers in bus network monitoring and planning** Goncalo F. Matos, Rosa Felix, Filipe Moura	
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT - STREAM A	**PARTICIPATION** **Session chair: Giovanni Acciaro** **Room:** B014 **Prospective Mobility Scenarios: Integrating Expert Analysis and User-Centered Evaluations** Dr Rim Rejeb, Dr Kevin Guelle, Axel Le Dreau, Marion Guillebot, Dr Mariana	**SEGMENTATION** **Session chair: Marije Hamersma** **Room:** B014 **Persona's and segments for a people-oriented sustainable mobility approach** Marie Jose Olde Kalter, Marije Hamersma, Bingyuan Amalia Huang		

	Reyes, Dr Mallory Trouve, Dr Jaafar Berrada, Dr Felix Carreyre **How to Play with Stakeholders - Serious Games as Tools for Mobility Research** Jan Wegener, Swetlana Rasch, Dr. Catharina Wasic **Planning sustainable urban mobility at the metropolitan scale: a collaborative design framework** Juliana Carvalho, Jorge Pinho de Sousa, Rosario Macario	**Development of a geodemographic segmentation of the travel behaviour and attitudes of Londoners** Siamak Khorgami, Suzie Boddy, Ivelin Tsonev, Katie Tinning, Neil Rogers, Katherine Blair		
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT - STREAM B			**TRANSPORT POVERTY / VULNERABLE GROUPS** **Session chair: Hans Voerknecht** **Room:** B015 **Assessing Transport Accessibility Challenges for Families of Autistic Children** Prof. Dimitrios Dimitriou, Assoc. Prof. Maria Sartzetaki, Assist. Prof. Aristi Karagkouni **Tracce: ICTs in Support of Monza's PEBA - Plan for Eliminating Architectural Barriers** Federico Messa, Giulia Ceccarelli, Andrea Gorrini, Simone Grasso, Vasileios Milias, Iacopo Neri, Alessandro Pedrazzoli, Dante Presicce, Lily Scarponi **PEGADAS – PERCEPTIONS AND EXPERIENCES OF CHILDREN'S**	

			MOBILITY TOWARDS FAIRER AND MORE SUSTAINABLE PUBLIC POLICIES Joao Monteiro, Beatriz Silva Sousa, Seren Martin, Catarina Vicente, Daniela Rodrigues	
PLANNING FOR SUSTAINABLE LAND USE AND TRANSPORT, TRANSPORT ECONOMICS FINANCE AND APPRAISAL	**ROAD PRICING** **Session chair: James Odeck** **Room:** B026 **Planning Without Brakes: Why Dutch Metropolitan Mobility Will Fail Without a Cordon Charge** Hans Voerknecht **Policy Packages for Achieving Zero Growth in Urban Car Traffic: Insights from the 2025 Urban Study and Scenario Work on the Future of Mobility** Dr Marie Aarestrup Aasness **Policy Preferences on Toll Roads: How Service Quality Shapes User Segments in Spain** Ana Maria Rivadeneira, Juan Gomez, Jose Manuel Vassallo			
RAIL POLICY AND PLANNING	**HIGH SPEED RAIL (SPONSORED BY IMT)** **Session chair: Joana Coelho & Nuno Duarte Gregório** **Room:** B028 **European High-Speed Rail Liberalisation: Market Dynamics, Governance Models and Strategic Implications for Operators** DR Cristina Bargero, DR Alessandro Dianin	**RAIL POLICY AND MANAGEMENT** **Session chair: Vilmos Oszter** **Room:** B028 **Railway objectives, management indicators and measures of performance** Tara Tanoz Sargeant, Ben Condry **New options for spatial planning with passenger insights and 'free space' on the network.** Bart	**RAIL ACROSS BORDERS** **Session chair: Eva Johnson** **Room:** B001 **Towards understanding cross-border rail demand - Regional cross-border transport perspectives from six EU member states** Vilmos Oszter **Digital Accessibility as a Mirror of Functional**	

	Assessing Overnight and High-Speed Rail Integration for Decarbonising European Mobility David Diaz Rivas, Aurora Ruiz Rua, Fernando Fernandez Bonilla **Establishing the Case for High-Speed Rail in Romania: A Performance-Led Approach** Mr Warwick Lowe, Mr Phil Stannard, Mrs Kathryn Sandercock	Brenninnkmeijer, Odette Zwinkels, Ties Brands **Planning long-distance rail services: an integrated demand and supply methodology** Jan Kiel, Eckhard Szimba, Jorik Grolle, Enrico Maria Bernardis, Christian Sand, Adeel Munawar, Barth Donners, Roberto Zani, Arnaud Burgess	**Integration in European Cross-Border Railways: A Passenger-Facing Perspective** Shahrom Sohi, Daniil Dobriy, Amin Anjomshoaa	
SYSTEMS THINKING	**MODELLING LOW CARBON FUTURES** **Session chair: Luc Ampleman** **Room:** B027 **PATH2ZERO modelling framework to develop, evaluate, and benchmark effective net-zero transport pathways in European countries** Francesca Fermi, Davide Fiorello, Johanna Markkanen, Tudor Mocanu, Paal Brevik Wangsness, Simon Shepherd, Francesco Chirico **Towards a Just Low-Carbon Mobility Transition by 2050: Equitable Pathways for Urban and Rural Access** Olivia Gold, Paul Pfaffenbichler, Astrid Guehnemann **Dynamic Evaluation of Railway Service Investment and Corridor Development Using System Dynamics Model: Case Study of Bangkok's MRT**			

	Purple Line in Thailand Dr Hiroki Kikuchi, Ms Yuchen Hou, Prof Dr Atsushi Fukuda, Prof Dr Tetsuhiro Ishizaka			
TRANSPORT ECONOMICS FINANCE AND APPRAISAL - STREAM A		**REFRAMING APPRAISAL** **Session chair: Rimon Rafiah** **Room:** B015 **Revaluing Safety in UK Transport Appraisal: Evidence-Based Interim Updating of the VSL** Amelie van der Ploeg **When Information Meets Decision: Why Transport Appraisal Is More Than a Modelling Problem** Laila AitBihiOuali, Yatharth Garg, Andrew Meaney **A revised approach to welfare appraisal under land use change - with links to practical models** John Nellthorp, Richard Batley, James Laird, John Bates, David Simmonds, Iven Stead	**EXTERNALITIES AND PUBLIC VALUE** **Session chair: Ann Marsden** **Room:** B016 **Valuing the impacts of major transport projects on land take (land artificialisation) and soil sealing** Georges Fuchs et al. **External Costs of Transport on Transalpine Corridors** Georges Fuchs et al.	
TRANSPORT ECONOMICS FINANCE AND APPRAISAL - STREAM B		**SOCIETÉ DES GRANDS PROJECTS PRESENTS: METROPOLIS2** **Room:** B016 **SGP and METROPOLIS2: Joint Research on Dynamic Multi-Agent Transport Simulations** Lounes Foix, Pierre Freval		
TRANSPORT MODELS - STREAM A	**STRATEGIC TRANSPORT MODELS: EVOLUTION TO THE NEXT GENERATION** **Session chair: Stephen**	**BEHAVIOURAL MODELLING** **Session chair: Wolfgang Scherr** **Room:** B029 **Incorporating attitudes into**	**DIGITAL TWINS AND GPU-ACCELERATED TRANSPORT MODELLING** **Session chair: Barry Colleary**	

	Rutherford **Room:** B029 **Growth Model 7: the Dutch national passenger transport model updated to post-COVID travel behaviour** Remko Smit, Rik van Grol **Designing a Next-Generation National Transport Model for the Netherlands: Six Foundational Choices** Henri Palm, Robert Cellissen **Scenario-led futures: Building a flexible national transport modelling toolkit for Ireland** Beata Smyl, Dr Siamak Khorgami, Hayley Goold, Suzie Boddy	**strategic transport models** Luuk Brederode, Stella van Lent, Janine Grauss Timmerman **FLITMO: A disaggregate passenger model for existing and new fixed links in Denmark** Barry Zondag, Jasper Willigers, Larissa Eggers, Christian Frank, Magnus Jeppesen, Thomas Skovgaard **From Qualitative Travel Descriptions to Choice-Modelling Inputs: A Framework for Tourist Mobility Analysis** Claudio Mantero, Dr. Andres Rodriguez, Prof. Luigi Dell olio	**Room:** B029 **Digital Twin for Lisbon Municipality** Paulo Humanes, Rosario Macario **Interactive Digital Twin for Traffic Modelling and Rapid Planning: A GPU-Accelerated Framework for Stakeholder - Driven Analysis** Sakshi Atul Charde, Dr. Durre Nayab, Dr. Pallavi Mohan, Dr. Steven Travis Waller, Dr. Tomasz Bednarz **Rapid transport modelling using high performance computing. A case study of the UK National Transport Analysis Platform** Sebastian Bukowski, Luis Parra Morales, Chris Bruce, Walter Lohman, Bart van der Poel, Craig Drury, Gerard Casey	
TRANSPORT MODELS - STREAM B		**TRAFFIC SIMULATION** **Session chair: Pierluigi Coppola** **Room:** B026 **Enhancing Traffic and Urban Emission Modelling using High-Resolution Intersection-Level Vehicle Trajectories** Yun Pang Floetteroed, Peter Wagner **Using TomTom APIs with OpenPaths DYNAMEQ for near-real-time modelling - Case study: A10 Savona–Ventimiglia** Alberto Brignone, Antonello Racina, Damiano Rossi, Emanuele Ferrara **Plugging the Gaps:**		

		Connecting Transport Models to Support Charging Infrastructure Planning Job van Vliet, Sebastiaan Thoen, Michiel de Bok, Dylan Mulders, Nazir Refa		
YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM - STREAM A	**RESILIENT SYSTEMS** **Session chair: Eka Hintaran & Francesco Guglielmi** **Room:** B120 **Wartime Travel Behavior: A Case Study of Ukraine** Anna Sotnikova **Evaluating the resilience of the Brazilian food system logistics to climate events** Bruno Gonzalez Nobrega, Erasmus zu Ermgassen, Damares Lopes Afonso **Strengthening our transport systems for the future: the case for investment in resilience** Freddy Curtis, Max Hornbuckle **RURAL: A Three-Stage Framework for Operational Transport Recovery After Disasters** Rita Prior Filipe	**MODELLING AND FORECASTING FOR URBAN TRANSPORT SYSTEMS** **Session chair: Francesco De Fabiis & Emmanouil Nisyrios** **Room:** B120 **Benchmarking Neural Networks for Macroscopic Urban Traffic Prediction: Comparison with MFD-Based Multi-Reservoir Models** Alessio Tesone, Luigi Pariota **Transport Modelling in a data-rich platform: Integrating Transport, Urban Design & Entertainment Operations in the Middle East** Jess Wheeler **Scaling Transport Solutions: A Phased Tram-Train Strategy for Lower-density Area** Enrico Fedeli	**DATA-DRIVEN ACCESSIBILITY** **Session chair: Orgerta Zeqo & Giuseppe Brancaccio** **Room:** B120 **The mode less travelled: quantifying transport flexibility** Maria Wood, Professor Adam Dennett, Dr Gerard Casey, Dr Esra Suel **Mind the Accessibility Gap: how can strategic models inform business decisions to plan, maintain and prioritise step-free infrastructure?** Thomas Zhuchen Mander	
YOUNG RESEARCHERS' AND PRACTITIONERS' FORUM - STREAM B	**YRPF NETWORKING SESSION** **Session chair: Orgerta Zeqo & Nadine Eichenauer** **Room:** B116	**AET HACKATHON SHOWCASE** **Session chair: Giovanni Acciaro** **Room:** B116 ***Guest speakers:*** *Alex Anzellotti; Alessandro Basile; Michelle Catti; Francesco Di Renzi; Giulia Maria*	**MEET THE AMBASSADORS** **Room:** B116 ***Guest speakers:*** *Meet the AET Ambassadors*	