

Wednesday 7 September			
Opening Session 0915 - 1030	<p>Welcome from the Association for European Transport (AET) Hermann Maier, Chair of the Board of Directors, AET</p> <p>Conference Welcome Address Professor Marco Bocolone, DMEC Politecnico di Milano</p> <p>Guest speakers Arianna Censi – the City Councilor for Mobility of Milan Rolf Diemer – the Head of the Economic Analysis Unit European Commission DG MOVE</p> <p>Session to be moderated by Professor Pierluigi Coppola, Politecnico di Milano and Director of AET</p> <p>ROOM: Aula Magna Carassa e Dadda, BL28</p>		
	Session 1 1100 – 1300	Session 2 1400 – 1600	Session 3 1630 - 1800
Young Researchers' and Practitioners' Forum	<p>SPATIAL ECONOMIC ANALYSIS <u>Session Chairs: Dalia Zecchi, Jacobs, IT and Alberto Gonzalez-Zaera, Connected Places Catapult, UK</u> Place based analysis in UK transport appraisal R Todd, A Lewis, Department for Transport, UK Heterogeneous commuters on radial bottlenecks with agglomeration: methods and calibration for Bogotá H Dyckerhoff, Jacobs, UK Intersecting economic barriers to transport: a case study and reflections on a collaborative project between industry and academia S Francis, Jacobs; A Plyushteva, University of Oxford, UK Spatial regression analysis to assess economic impacts of transport infrastructure F De Fabiis, A Carmelo Mancuso, Politecnico di Milano, IT</p> <p>ROOM: BL27.1.3</p>	<p>SHARED MOBILITY SYSTEMS <u>Session Chairs: Federico Messa, Systematica, IT and TBC</u> eScooters 2022 A de Juana, Sweco, UK The potential of bike sharing in increasing the resilience of urban transport systems during disruptive public health emergencies: Insights from Lisbon's GIRA users J F Teixeira, C Silva, Research Centre for Territory, Transports and Environment (CITTA), Faculty of Engineering of the University of Porto (FEUP); F Moura e Sá, Centre for Studies in Governance, Competitiveness and Public Policies (GOVCOPP), University of Aveiro (UA), PT Why do university students ride shared e-scooters? an analysis of trip preferences according to a campus survey G Dias, P Ribeiro, University of Minho; E Arsenio, LNEC, Department of Transport, PT</p> <p>ROOM: BL27.1.3</p>	
Aviation	<p>URBAN AIR MOBILITY (Joint session with Transport Models) <u>Session Chair: Nigel Dennis, University of Westminster, UK</u> Users' acceptance and willingness to pay for urban air mobility services: modeling evidences with an application to a case study in Italy P Coppola, F De Fabiis, L Barbierato, Politecnico di Milano; F Silvestri, University of Rome Tor Vergata, IT Investigation on urban air mobility airport shuttle demand M Brunelli, C C Ditta, M N Postorino, University of Bologna, IT 3D Urban Air Networks for future urban air transport systems M Brunelli, C C Ditta, M N Postorino, University of Bologna, IT</p> <p>ROOM: BL27.0.2</p>		
Global Trends Impacting Transport	<p>COVID-19 IMPACTS 1 (Joint session with Planning for Sustainable Land Use and Transport) <u>Session Chair: Farshid Kamali, Atkins, UK</u> Examining the impacts of COVID-19 on travel within County Durham C Higgins, T Beech, L Knowles, Jacobs, UK Impact of Covid-19 on Urban Traffic Patterns and Policy Implications N Mexis, I Spyropoulou, National Technical University of Athens (NTUA), GR Travel Behaviour in a post-COVID world M Bhardwa, C Reynolds, Atkins, UK Will COVID-19 structurally change our travel for work? (Expected) impacts on mobility of (expected) structural changes in working from home and teleconferencing in the Netherlands M Hamersma, R Faber, L Krabbenborg, KiM Netherlands Institute for Transport Policy Analysis, NL</p> <p>ROOM: BL27.0.1</p>	<p>COVID-19 IMPACTS 2 (Joint session with Planning for Sustainable Land Use and Transport) <u>Session Chair: Farshid Kamali, Atkins, UK</u> All Change? tracking travel behaviour, attitudes and social impacts during and following the COVID-19 pandemic in the UK C Davie, M Drake, Department for Transport, UK Impact of the Covid pandemic on travel patterns in Hungary – short and long-term effects C Kelen, G Nagy, BFK Budapest Fejlesztési Központ Nonprofit Zrt., HU Time spending on trips and mobility: is travel time budget constant during the COVID-19 pandemic? Analyses with the Netherlands Travel Panel M-J Olde Kalter, Goudappel; P van der Mede, S de Graaf, Dat.mobility, NL Behavioural science messaging trials: supporting public transport confidence, wearing of face coverings and completion of self-isolation after international travel during the Covid-19 pandemic P Dyson, P Kariyawasam, Department for Transport, UK</p> <p>ROOM: BL27.0.1</p>	<p>COVID-19 IMPACTS 3 (Joint session with Rail Policy and Planning) <u>Session Chair: Andrew Meaney, Oxera, UK</u> Are you more likely to shift away from rail in response to the COVID-19 pandemic? lessons from commuters in Flanders based on a logit model M Voes, K De Langhe, C Sys, T Vanelslender, A Verhetsel, J Crèvecoeur, T Neyens, University of Antwerp, BE The impact of Covid-19 on mobility behavior of public transport passengers: a systematic literature review H Fernandes, M Campos Ferreira, T Sobral, T Galvão Dias, University of Porto, PT Change in train travelling behaviour during and after Covid-19 due to anxiety G B Hafsteinsdottir, R van der Knaap, N van Oort, Delft University of Technology; M de Bruyn, M van Hagen, Nederlandse Spoorwegen (NS), NL</p> <p>ROOM: BL27.0.1</p>

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Planning for Sustainable Land Use and Transport	<p>HUB DESIGN Session Chair: Giovanni Acciaro, NET Engineering, IT Bike-sharing usage and the effects from the built environment: a forecasting model based on POI data C M Rutka, H Reckermann, T Dannewald, M Kowald, Hochschule RheinMain, Wiesbaden, DE Mobility hubs as enablers of more inclusive transport: a comprehensive analysis of the needs and barriers of vulnerable populations L Martinez, J Pappers, I Keserü, Vrije Universiteit Brussel, BE Piazza dei Cinquecento: pedestrian-centric vision for the most congested intermodal hub in Italy M Villani, G Acciaro, J Ognibene, NET Engineering, IT</p> <p>ROOM: BL27.0.6</p>		<p>ACTIVE TRAVEL APPRAISAL (Joint session with Transport Economics, Finance and Appraisal) Session Chair: James Odeck, Public Roads Administration, NO Assessing the costs and benefits of the sustainable urban mobility transition in a European city S Borgato, F Chirico, F Fermi, TRT Trasporti e Territorio; Y Le Petit, EIT Urban Mobility, IT The real value of cycling: representing all benefits of cycling in economic appraisal tools D Tordai, T Andrejszki, A Munkácsy, KTI Institute for Transport Sciences Non-profit Ltd., HU Financial incentives for travel by sustainable transport modes in the retail and leisure sectors N Montague, A Rodríguez Coterón, H Hung, Arup, IE</p> <p>ROOM: BL27.0.6</p>
Planning for Sustainable Land Use and Transport	<p>INCLUSION 1 Session Chair: Michael Bach, Independent Consultant, UK Applying the concept of well-being to the transport domain: lessons and recommendations from a study of Dutch national transport policy D Snellen, M 't Hoen, J Bastiaanssen, PBL Netherlands Environmental Assessment Agency, NL Spatiotemporal differences in accessibility to jobs and amenities in the Netherlands J Bastiaanssen, M Breedijk, PBL Netherlands Environmental Assessment Agency, NL</p> <p>ROOM: BL27.0.7</p>	<p>COVID-19 IMPACTS 2 (Joint session with Global Trends impacting Transport) Session Chair: Farshid Kamali, Atkins, UK All Change? tracking travel behaviour, attitudes and social impacts during and following the COVID-19 pandemic in the UK C Davie, M Drake, Department for Transport, UK Impact of the Covid pandemic on travel patterns in Hungary – short and long-term effects C Kelen, G Nagy, BFK Budapest Fejlesztési Központ Nonprofit Zrt., HU Time spending on trips and mobility: is travel time budget constant during the COVID-19 pandemic? Analyses with the Netherlands Travel Panel M-J Olde Kalter, Goudappel; P van der Mede, S de Graaf, Dat.mobility, NL Behavioural science messaging trials: supporting public transport confidence, wearing of face coverings and completion of self-isolation after international travel during the Covid-19 pandemic P Dyson, P Kariyawasam, Department for Transport, UK</p> <p>ROOM: BL27.0.1</p>	<p>INCLUSION 2 Session Chair: Marie-José Olde Kalter, Goudappel, NL Travel for all: personalised journey planning to reduce social isolation in older adults C Reynolds, M Bhardwa, D Campbell, Atkins, UK Planning for gender-inclusive in urban areas: an application to the City of Naples (Italy) A Gorrini, F Messa, Systematica; G Carpentieri, C Guida, C Gargiulo, L Abdelfattah, R Choubassi, University of Naples Federico II, IT</p> <p>ROOM: BL27.0.7</p>
Transport Economics, Finance and Appraisal	<p>EVALUATION Session Chair: Morten Welde, Norwegian University of Science and Technology (NTNU), NO Meta evaluation of local major schemes. what are the lessons for scheme promoters and transport practitioners? G Oakes, Atkins; J McCurry, Department for Transport, UK Economic Performance Impacts of Road Enhancements (EPIRE) evaluation M Clark, Department for Transport; S Carter, C Hale, M Matthews, Ipsos Mori research team, UK Congested values of travel time (CVTT) B Jamieson, Department for Transport, UK Reference-dependent customer behaviour C X Ng, T Hogg, Oxera Consulting LLP, UK</p> <p>ROOM: BL27.1.5</p>	<p>ENVIRONMENTAL TAX/PRICING Session Chair: Rimon Rafiah, Ekonomikr, IL Greener vehicle taxation in middle income countries I Kövesdi, KTI, HU A parsimonious model for transport project assessment in a distorted economy: taxes, congestion, market power ... and paradoxes J Massiani, E Quinet, Università Milano Bicocca, IT Second-round effects of carbon fuel taxation in transportation: inequality in access to alternatives hampers progressiveness T Mocanu, I Dubernet, F Koller, DLR - Institute of Transport Research, DE</p> <p>ROOM: BL27.1.5</p>	<p>ACTIVE TRAVEL APPRAISAL (Joint session with Planning for Sustainable Land Use and Transport) Session Chair: James Odeck, Public Roads Administration, NO Assessing the costs and benefits of the sustainable urban mobility transition in a European city S Borgato, F Chirico, F Fermi, TRT Trasporti e Territorio; Y Le Petit, EIT Urban Mobility, IT The real value of cycling: representing all benefits of cycling in economic appraisal tools D Tordai, T Andrejszki, A Munkácsy, KTI Institute for Transport Sciences Non-profit Ltd., HU Financial incentives for travel by sustainable transport modes in the retail and leisure sectors N Montague, A Rodríguez Coterón, H Hung, Arup, IE</p> <p>ROOM: BL27.0.6</p>
Local Public Transport	<p>OPERATIONS Session Chair: Sérgio Pedro Duarte, University of Porto, PT The impact of reducing car speed on public transport in cities: more than just a road sign R Huisman, Goudappel, NL Quantification of the joint impact of internal and external variables on bus travel time in mixed traffic corridors Y Montero-Lamas, M Novales, A Orro, Universidade da Coruña, ES</p> <p>ROOM: BL27.0.8</p>	<p>INCLUSIVE MOBILITY Session Chair: Elisabete Arsenio, LNEC, PT Standards for improved usability of information monitors and displays in public transport E Fürst; G Lamprecht, WU Vienna, AT Transport-related social exclusion and its impacts on the different social groups J P Lieszkovszky, KTI Institute for Transport Sciences Non-Profit Ltd., HU Mobility of the elderly during the Covid-19 crisis - what can we learn from pandemic for future local public transport? N Klassen, Hochschule Muenchen/University of Applied Sciences; C Joedden, Kantar, DE Behavioural changes in transport due to Covid-19 – a study of Swedish households' travel behaviour K Ek, L Wårell, Luleå University of Technology, SE</p> <p>ROOM: BL27.0.8</p>	<p>ACCESS/EGRESS Session Chair: Olaf Jonkeren, KiM Netherlands Institute for Transport Policy Analysis, NL Shared micromobility and public transport integration. A mode choice study using stated preference data A Montes Rojas, N Geržinic, W Veeneman, N van Oort, S Hoogendoorn, TU Delft, NL The influence of comfort and feeling of safety on the choice of stations for cyclists A Barneveld, R Huisman, Goudappel; N van Oort, TU Delft, NL</p> <p>ROOM: BL27.0.8</p>

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EUSAIR		<p>Planning transport infrastructure at macro-regional scale Sponsored by EUSAIR Facility Point The “EUSAIR Facility Point” is an interreg-ADRION project supporting the implementation of the EU Strategy for the Adriatic-Ionian Region (EUSAIR), involving 4 EU members states (Italy, Slovenia, Croatia and Greece) and 6 non-EU Countries (Bosnia-Herzegovina, Montenegro, Albania, Serbia, North-Macedonia and San Marino). In this session, the activities related to Pillar 2 (“Connecting the Region”) will be presented, focusing on the Regional Transport Masterplan aiming at identifying sustainable transport scenarios for the Region, consistent and synergetic with the national and EU policies (e.g. TEN-T). The definition of these scenarios has required an extended collection of transport (demand and supply) data and the development of a multimodal transport model (EMTM) which will be presented during the session.</p> <p>D Romozzi, M Marcozzi, S Veledar, M Giovenali, L Pergolesi, Regione Marche; L Calliari, Regione Emilia-Romagna; E M Bernardis, Tplan Consulting; G Siciliano, PTSCLAS, IT</p> <p>ROOM: Aula Magna Carassa e Dadda, BL28</p>	
Rail Policy and Planning			<p>COVID-19 IMPACTS 3 (Joint session with Global Trends impacting Transport) Session Chair: Andrew Meaney, Oxera, UK Are you more likely to shift away from rail in response to the COVID-19 pandemic? lessons from commuters in Flanders based on a logit model M Voes, K De Langhe, C Sys, T Vanelslander, A Verhetsel, J Crèvecoeur, T Neyens, University of Antwerp, BE The impact of Covid-19 on mobility behavior of public transport passengers: a systematic literature review H Fernandes, M Campos Ferreira, T Sobral, T Galvão Dias, University of Porto, PT Change in train travelling behaviour during and after Covid-19 due to anxiety G B Hafsteinsdottir, R van der Knaap, N van Oort, Delft University of Technology; M de Bruyn, M van Hagen, Nederlandse Spoorwegen (NS), NL ROOM: BL27.0.1</p>
Intelligent Mobility - management and operations	<p>MULTI-MOBILITY Session Chair: Anders- Martin Fon, Norwegian Ministry of Transport, NO Policy making for an inclusive and accessible digital mobility system H Delaere, S Basu, I Keserü, Vrije Universiteit Brussel, BE Drivers and barriers of Mobility-as-a-Service: insights from stakeholders of two Italian cities F Piras, A Scalas, E Sottile, I Meloni, University of Cagliari, IT Determining the enablers and barriers for shared mobility service providers E Coenegrachts, J Beckers, T Vanelslander, A Verhetsel, University of Antwerp, NL ROOM: BL27.1.1</p>	<p>AI, WHAT ABOUT SAFETY? Session Chair: Samya Ghosh, AECOM, UK PHilita: a novel, dynamic multi-modal route planner for commuter load distribution and COVID-19-travel-risk minimisation on metro networks Y Skeete, F Kong, S Jain, R Ruiz Fernandez, S Ahmad Jailani, University of Bristol, UK The short-term potential of Artificial Intelligence for traffic management H Taale, Rijkswaterstaat & TU Delft; E Walraven, D Spruijtenburg, I Wilmlink, TNO, NL The frequency of accidents and injuries from E-scooters: analyses of data registered in Oslo A M Bjerkan, A Engebretsen, R Steinbakk, Norwegian Public Roads Administration, NO ROOM: BL27.1.1</p>	
Freight and Logistics	<p>MODE SHIFT POTENTIAL Session Chair: External benefits from modal shift in freight transport in North-western Europe O Jonkeren, KiM Netherlands Institute for Transport Policy Analysis; K Friso, DAT.mobility; L Hek, Goudappel, NL Assessment of market potential for new intermodal transport services in the Eastern Mediterranean S Kapros, I Pervanas, V Lioumi, University of the Aegean, GR Development of railway networks for freight mobility in the Ionian Euro-Mediterranean context D Gattuso, G C Cassone, D Pellicanò, Mediterranea University of Reggio Calabria, IT Objective decision making in the event of disruptions - potentials for single wagonload transport network control M Krauth, D Haalboom, P Salger, TU Dresden, DE ROOM: BL27.1.4</p>	<p>USING MODELS FOR FREIGHT SOLUTIONS (Joint session with Transport Models) Session Chair: Jan Francke, KiM Netherlands Institute for Transport Policy Analysis, NL Strategic national freight transport modelling S J Bakker, R van Beesten, I Brynildsen, A Sandvig, M Siqueland, A Tomasgard, Norwegian University of Science and Technology (NTNU), NO Alternative freight model structures and their data dependencies – lessons from the US and Australia T van Vuren, Veitch Lister Consulting; P Camargo, Outer Loop Consulting, AU Modelling vans; a detailed insight into travel behaviour W Cui, L Monaghan, Transport for the North; M Buckley, WSP, UK Assessing the role of peer-to-peer delivery in shaping traffic conditions P Ikem, Watermans; T Sharma, Atkins, UK ROOM: BL27.0.2</p>	<p>USING DATA FOR FREIGHT SOLUTIONS (Joint session with Data) Session Chair: Bruno Villé, MINT, BE A novel approach to developing LGV trip matrices for the second generation of regional traffic models R Tolouei, A Sayegh, M-J Thornton, AECOM, UK Artificial Intelligence (AI) technologies in port operations: survey to collect data about status of AI in port operation M Farzadmehr, V Carlan, T Vanelslander, University of Antwerp, BE ROOM: BL27.0.2</p>

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Data	<p>DATA DRIVEN TOOLKITS FOR DECISION SUPPORT Session Chair: Oliver Charlesworth, Bentley Systems, UK The New Mobility Data and Solutions Toolkit (nuMIDAS): shared-mobility services use cases in Milan and their transferability V Paruscio, V Mazzeschi, A Luè, Poliedra-Politecnico di Milano; A Giovannini, C Covelli, AMAT, Agenzia Mobilità Ambiente e Territorio, IT; C Mylonas, D Tzanis, CERTH-HIT, Centre for Research and Technology Hellas-Hellenic Institute of Transport, GR; S Maerivoet, Transport & Mobility Leuven, BE</p> <p>Automating multi-criteria assessment for transport projects N Montague, A Rodríguez Coterón, Arup, IE</p> <p>The future of accessibility modelling in Scotland: innovative uses of data to create the bespoke National Public Transport Accessibility Tool (NaPTAT) for Scotland's 2nd Strategic Transport Projects Review K Chesney, T Bisset, Jacobs, UK</p> <p>ROOM: BL27.0.4</p>	<p>UNDERSTANDING MULTIMODAL TRAVEL PATTERNS VIA DATA Session Chair: Len Johnstone, Independent Consultant, AU Ecosystem mobility: public private collaboration optimizing transport systems via a data ecosystem L Wismans, Goudappel and University of Twente; D van Amelsfort, N Juffermans, A Idenburger Goudappel; J de Bruijn, E van den Belt, Dat.mobility, NL</p> <p>The interplay of bikesharing, carsharing and public transport - a spatiotemporal analysis of booking data A Reiffer, T Wörle, P Vortisch, Karlsruhe Institute of Technology, DE</p> <p>Leveraging floating car data for estimates of door-to-door road travel time unreliability C Jacobs-Crisioni, European Commission, Joint Research Centre, IT; E Koomen, Y König, VU University Amsterdam, NL</p> <p>Tourists among commuters: identification and mobility patterns analysis M Campos Ferreira, T Galvão Dias, Faculdade de Engenharia da Universidade do Porto, PT</p> <p>ROOM: BL27.0.4</p>	<p>USING DATA FOR FREIGHT SOLUTIONS (Joint session with Freight and Logistics) Session Chair: Bruno Villé, MINT, BE A novel approach to developing LGV trip matrices for the second generation of regional traffic models R Tolouei, A Sayegh, M-J Thornton, AECOM, UK</p> <p>Artificial Intelligence (AI) technologies in port operations: survey to collect data about status of AI in port operation M Farzadmehr, V Carlan, T Vanelslander, University of Antwerp, BE</p> <p>ROOM: BL27.0.2</p>
System Dynamics		<p>DISRUPTIONS IN URBAN MOBILITY Session Chair: Jonatan Gómez-Vilchez, European Commission, JRT, IT Dealing with uncertainties in mobility through system dynamics M Legêne, D van Amelsfort, S Bigalke, Goudappel, NL</p> <p>Modelling the effect of a nationwide mobility service guarantee on travel behaviour using the strategic model MARS B Laa, TU Wien; P Pfaffenbichler, University of Natural Resources and Life Sciences, AT</p> <p>Characterization of the resilience of urban mobility to pandemic threats using system dynamics D V Rodriguez Lara, A N Rodrigues da Silva, Universidade de São Paulo, BR; P Pfaffenbichler, University of Natural Resources and Life Sciences, AT</p> <p>Modelling new mobility services G Harrison, S Shepherd, University of Leeds, UK; P Pfaffenbichler, University of Natural Resources and Life Sciences, AT; M Xu, H Tian, W Mao, Beijing Jiatong University, CN</p> <p>ROOM: BL27.1.4</p>	<p>POLICY AND REGULATION Session Chair: Gillian Harrison, ITS, University of Leeds, UK Uptake of cleaner powertrain technologies in the European truck market J J Gómez-Vilchez, J Krause, G Fontaras, European Commission, JRC, IT</p> <p>Simulating the effects of tax exemptions for plug-in electric vehicles in Norway P Pfaffenbichler, University of Natural Resources and Life Sciences; G Emberger, TU Wien, AT; E Figenbaum, N Fearnley, Institute of Transport Economics, NO</p> <p>ROOM: BL27.1.4</p>
Transport Models	<p>NATIONAL MODELS Session Chair: Wolfgang Scherr, Moventes, CH A simple model versus a complex model; what do we gain? B Zondag, J Willigers, Significance; F Hofman, Rijkswaterstaat, Dutch Ministry of Infrastructure and Water Management, NL</p> <p>Strategic transport model Austria VMÖ – ready to use S Grebe, CE Delft, NL; G de Jong, Significance, NL and ITS Leeds, UK; C Wampera, BMK -Austrian Federal Ministry of Climate Action, Environment, Energy, Mobility, Innovation and Technology; C Obermayer, OEBB Infrastruktur AG; R Pompl, ASFINAG - Autobahnen- und Schnellstraßen-Finanzierungs-Aktiengesellschaft, AT</p> <p>Integration of different data sources in a systematic calibration of travel demand model system G Vyas, P Vovsha, Bentley Systems, US</p> <p>ROOM: BL27.0.3</p>	<p>TRAFFIC ASSIGNMENT Session Chair: Michael Mahut, Bentley Systems, CA A fast path-based algorithm for traffic assignment on large networks A Schneck, PTV, DE</p> <p>Statistical noise in travel demand models: when should we care about it? L Brederode, DAT.Mobility; P Klein Kranenbarg, Twente University/DAT.Mobility, NL</p> <p>ROOM: BL27.0.3</p>	<p>MATRICES Session Chair: Paul Hanson, AECOM, UK Mode choice logit estimation on mobile network data A Andersson, M Börjesson, VTI Swedish National Road and Transport Research Institute, and Linköping University, SE; N Breyer, Linköping University, SE; A Daly, University of Leeds, UK; L Engelson, Linköping University; I Kristoffersson, VTI Swedish National Road and Transport Research Institute, SE</p> <p>A procedure for adjusting demand matrices for simulation-based dynamic traffic assignment M Mahut, Bentley Systems, CA</p> <p>First large scale application of a static matrix estimation method on observed travel times, congestion patterns and link flows L Brederode, Delft University of Technology/DAT.Mobility; I Hilderink, Province of Noord-Brabant/IMREK; M Heynickx, Province of Noord-Brabant, NL</p> <p>ROOM: BL27.0.3</p>

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Transport Models	<p>URBAN AIR MOBILITY (Joint session with Aviation) Session Chair: Nigel Dennis, University of Westminster, UK Users' acceptance and willingness to pay for urban air mobility services: modeling evidences with an application to a case study in Italy P Coppola, F De Fabiis, L Barbierato, Politecnico di Milano; F Silvestri, University of Rome Tor Vergata, IT UAM expected travel demand for airport shuttle services: SP investigation and preliminary results M Brunelli, C C Ditta, M N Postorino, University of Bologna, IT 3D Urban Air Networks for future urban air transport systems M Brunelli, C C Ditta, M N Postorino, University of Bologna, IT</p> <p>ROOM: BL27.0.2</p>	<p>USING MODELS FOR FREIGHT SOLUTIONS (Joint session with Freight and Logistics) Session Chair: Jan Francke, KiM Netherlands Institute for Transport Policy Analysis, NL Strategic national freight transport modelling S J Bakker, R van Beesten, I Brynildsen, A Sandvig, M Siqueland, A Tomasgard, Norwegian University of Science and Technology (NTNU), NO Alternative freight model structures and their data dependencies – lessons from the US and Australia T van Vuren, Veitch Lister Consulting; P Camargo, Outer Loop Consulting, AU Modelling vans; a detailed insight into travel behaviour W Cui, L Monaghan, Transport for the North; M Buckley, WSP, UK Assessing the role of peer-to-peer delivery in shaping traffic conditions P Ikem, T Sharma, Atkins, UK</p> <p>ROOM: BL27.0.2</p>	<p>MODELLING FRAMEWORKS Session Chair: Gaurav Vyas, Bentley Systems, US Comparison of policy scenarios with trip-based and econometric activity-based models J Zill, T Veitch, T van Vuren, Veitch Lister, AU Generating a microscopic dataset of passenger mobility from a national macroscopic travel demand model and a household travel survey T Mocanu, J Joshi, DLR - Institute of Transport Research, DE</p> <p>ROOM: BL27.0.4</p>

Lunchtime

EIT Urban Mobility award presentation, exhibition area, BL27

Evening Events

AET's Transport and Mobility Forum welcomes you to join our events at ETC2022:

- "Perspectives on the Changing Transport Sector", a debate chaired by Derek Halden, Wednesday 7th September 1815 – 1900 hours, La Collina Terrace, Bovisa Campus, Politecnico di Milano.

Since the spring of 2020 online conversations have allowed AET members to share their experiences and research on a changing world. At ETC 2022 this live debate session will help to develop these conversations in more depth and detail through face-to-face debate. The session will start with an introduction to some of the key topics discussed online:

- Who should pay for personal rights to mobility?
- How can transport and land use be better managed as a system?
- What are the true costs of greenwashing?
- How to build trust in net-zero freight and logistics supply chains?
- How can government's role in future transport technology be better defined?
- How can we allocate space and share transport resources better?
- When will people feel safe using autonomous vehicles?

To set the scene, a short video of some highlights from the webinar series will feature contributions from Matteo Antoniala, Carey Curtis, Maria Chiara Leva, Gerard de Jong, Cecilia Silva, and Mateu Turro. The session will be Introduced by Herman Maier Chair of the AET Board, and Conall Mac Aongusa Chair of AET's TMF, and Professor Ennio Cascetta will make the first expert response to set the scene for the debate. The Chair of the debate, Derek Halden, will then invite expert comment from ETC conference speakers and facilitate an open forum delegate discussion. Attendees can expect to leave the session with a better understanding of how to tackle some of transport's thorniest problems.

Welcome drinks reception, 1900 – 2000 hours, La Collina Terrace, Bovisa Campus, Politecnico di Milano