

Friday 9 September			
	Session 8	Session 9	Session 10
Stream	0930 - 1100	1130 - 1300	1400 - 1600
Aviation	<p>Aviation keynote Ricky Sandhu, Urban Air-port, UK</p>	<p>Session Chair: Advanced air mobility services in the metropolitan area of Milan and Lombardy Region C Cuccorese, C Carrà, F Romano, SEA Milan Airports; P Coppola, Politecnico di Milano, IT The role of road network improvement in aviation recovery – the case study of Malpensa airport Masterplan C Carrà, F Romano, SEA Società Esercizi Aeroportuali; M Sartori, G Acciaro, NET Engineering s.r.l.; F de Fabiis, F Silvestri, P Coppola, Politecnico di Milano, IT The green advantage of post-pandemic aviation infrastructure: a case study of Highlands and Islands Airports in Scotland G Cobb, Highlands and Islands Airports; M Rahman, Jacobs, UK</p>	<p>Session Chair: Appraising the economics of the UK airport expansion wave of the 2020s A Chapman, M Postle, New Economics Foundation, UK Exploring the role of vaccinations in UK international travellers' confidence L Keegan, Department for Transport, UK Quantification of COVID-19 damages in the European aviation sector R Alimonti, L Mautino, Oxera Consulting LLP, UK</p>
Global Trends impacting Transport	<p>DISCUSSION SESSION Session Chair: Mind the Gap! a roadmap to transport diplomacy for transport practitioners L Ampleman, J Kochnowski University in Kielce, PL Planning transport networks when we do not (cannot) know what the future holds M Shepherd, Frontier Economics Ltd; S Elvery, Great British Railways Transition Team, UK The role of asset management in supporting an evolution of long-term travel patterns S Lee, Arup, UK</p>	<p>SUSTAINABILITY Session Chair: The shared road to improving policy-based, research informed road transport emissions models – a case study of collaboration between academia, government and industry from Ireland V O'Riordan, University College Cork; D Urquhart, AECOM, IE Transport Infrastructure Ireland Roads Emissions Model (REM) strategic insights D Brady, V O'Malley, Transport Infrastructure Ireland; D Deakin, AECOM, UK; S Dunne, P Shiels, AECOM, IE Evaluation of transport sustainability of European Union countries M J Kandappassery, B Djordjevic, B Ghosh, Jacobs, IE</p>	
Planning for Sustainable Land Use and Transport	<p>REDESIGNING URBAN SPACE AND ACTIVE TRAVEL Session Chair: Keynote presentation Marco Mazzei, councillor of Milan Municipality, IT Innovative approaches to sustainable urban mobility <i>Sponsored by Interreg TRIBUTE project</i></p>	<p>REDESIGNING Session Chair: Farshid Kamali, Atkins, UK Getting home safely: Safe by Design by Women A Mathews, R Evans, K Cary, Atkins, UK Redesigned urban spaces- how to measure success? M DeRobertis, A Renard, World Transport Policy and Practice / Transportation Choices, US Future of cities: a method for economic benefits for re-allocating road space for cyclists G Tenekeci, Jacobs, UK</p>	<p>ACTIVE TRAVEL Session Chair: Marie-José Olde Kalter, Goudappel, NL Impact of the CITY CYCLING campaign on daily traffic behaviour of participants S Lißner, S Huber, Technische Universität Dresden, DE Making active travel relevant to a whole nation: lessons from Scotland's Strategic Transport Projects Review T Steiner, C McDowall, Jacobs; A Priestley, Transport Scotland, UK Active train stations N Gravett, N Montague, T Wardley, Arup, UK</p>
Planning for Sustainable Land Use and Transport		<p>HOW TO MODAL SHIFT Session Chair: Anna Contenti, Jacobs, IT Case studies on reducing urban car use: How can modal shift be successful? lessons learnt from the change dynamics and success factors of three German frontrunner cities M Müller, Wuppertal Institute for Climate, Environment and Energy, DE The role of communication and design in promoting sustainable mobility in social housing areas – evidence of an evaluation study in the Frankfurt Rhine-Main region L Yessad, A Bruns, M Kowald, Hochschule RheinMain Wiesbaden University of Applied Sciences; H Andersen, K Vöckler, Hochschule für Gestaltung Offenbach am Main University of Art and Design, DE Modal shift targets and CO2-emissions: the case of Finland J Mäkinen, R Viri, Tampere University, FI Behaviour change – compelled to change and why we're not R Smith, Jacobs, UK</p>	

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Transport Economics, Finance and Appraisal	<p>APPRAISAL – WHERE DO WE START? Session Chair: Do-nothing, do-minimum or do-something. The baseline for comparing alternatives in cost-benefit analyses G Holst Volden, M Welde, B Andersen, A Engebø, Norwegian University of Science and Technology (NTNU), NO Do we need a new approach to appraisal? Lessons from a comparison of guidelines for the appraisal of transport infrastructure investment J Horlemann, TUM Technical University of Munich, DE Appraisal: the curse of numbers A Meaney, Oxera Consulting LLP, UK UK Department for Transport common analytical scenarios Y Fox, R Harrap, Department for Transport, UK</p>	<p>DISTRIBUTIONAL IMPACTS/ANALYSIS Session Chair: Investigating the practical implementation of distributional weighting in UK transport appraisal C Cheyney, High Speed Two Limited; I Stead, Department for Transport, UK Identifying indicators for value for money in the front-end of road projects J Odeck, Norwegian Public Roads Administration, NO; M Börjesson, J Jussila Hammes, Swedish National Road and Transport Research Institute, SE; G Holst Volden, M Welde, Norwegian University of Science and Technology (NTNU), NO What cost resilience? priorities in appraisal G Smith, Jacobs, UK The economic service life of transport projects: ex-post analysis of rail and roads E Tvetter, Molde University College, NO</p>	<p>TRANSPORT ECONOMICS – EVERYTHING YOU WANTED TO KNOW AND AREN'T AFRAID TO ASK A panel discussion and Q&A session on anything and everything to do with Transport Economics, hosted by John Siraut of Jacobs, UK</p>
Local Public Transport	<p>MANAGING DEMAND Session Chair: How successfully can travel behaviours be influenced at a time of unprecedented variability in demand? E Herreras-Griffiths, C Tomlin, Transport for London, UK The Essex Bus Network Review: how a diverse English county is planning for buses after COVID and what lessons can be learned M Stonehill, Jacobs, UK The impact of service expansion on modal shift from private car to public transport. A quantitative analysis in the Bonn/Rhein-Sieg area, Germany A Hahn, C Pakusch, G Stevens, Hochschule Bonn-Rhein-Sieg, DE</p>	<p>FINANCIAL AND ECONOMICAL CHALLENGES Session Chair: Choose environment, choose education, choose work, choose free bus travel: evaluating the Scottish Government's Commitment to Free Bus Travel for Under 22s: Part 1 Design and Baseline Data Collection S Motherwell, L Wright, N Alnasser, G McIntyre, Transport Scotland, UK Subsidizing public transportation costs in a developing country. a randomized controlled trial intervention in Bogotá, Colombia S Gómez-Cardona, Heidelberg University, DE; L Ángel Guzmán, Los Andes University, CO Evaluating the impact of demand-changing events in public transport services A Lobo, S P Duarte, A Couto, University of Porto, PT</p>	<p>TECHNICAL VISITS Historic Tram Depot M4 metro automated line</p>
Rail Policy and Planning	<p>RPP KEYNOTE ON RAILWAY RESTURCTURING IN THE UK Session Chair: (Elaine Seagriff or Sir Peter Hendy, GBRTT, UK)</p> <p>RAIL CONNECTIVITY - GLOBAL PERSPECTIVES Session Chair: The UK's Union Connectivity Review: strategic and political perspectives on recommendations to address cross 'border' transport within the United Kingdom A Smyth, Transport Analysis and Advocacy Ltd.; L Allison, Independent Advisor, UK Lessons from Taiwan for Europe – the future of railway and steps toward a dynamic and resilient system post Covid-19 P R-J Liu, Atkins, UK</p>	<p>RECOVERY OF RAIL/STEERING FOR A NEW COURSE IN RAIL Session Chair: Building Britain's railways back better: restoring and increasing passenger demand J Armstrong, S Blainey, J Preston, University of Southampton, UK Covid and the missing 20%: recommendations for how railways should respond to the pandemic to re-gain demand M Benson, B Condry, N Findlay, Transport Strategy Centre, Imperial College London; T Magee, Rail Delivery Group, UK</p>	<p>TECHNICAL VISIT Historic Tram Depot M4 metro automated line</p>
Intelligent Mobility - management and operations	<p>AUTONOMOUS VEHICLES – DESIGN AND IMPACT Session Chair: The impact of automated passenger vehicles on highway geometric design L Mitropoulos, C Politopoulou, K Kepaptsoglou, Centre for Research and Technology-Hellas, GR The impact of Automated Vehicles on network level as a result of activity-based departure time choices L Wismans, Goudappel and University of Twente; F Hooft, MAPtm; K Friso, DAT.Mobility; B van Arem, B Pudāne, S van Cranenburgh, A Pel, TU Delft, NL Autonomous urban shuttle services in inner-city and suburban operation: impact assessment from simulation case studies in Vienna J Müller, AIT Austrian Institute of Technology, AT</p>		

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Freight and Logistics	<p>URBAN FREIGHT CONSOLIDATION Session Chair: Data collection for microscopic modelling of urban freight transport – empirical insights into city-logistics in the region of Karlsruhe L Barthelmes, E Görgülü, M Kagerbauer, P Vortisch, Karlsruhe Institute of Technology, DE Examining recent developments and best practice in consolidation centres as a form of smart urban logistics K Hursthouse, A Bardsley, AECOM, UK Assessing the role of peer-to-peer delivery in shaping traffic conditions P Ikem, T Sharma, Atkins, UK</p>	<p>URBAN FREIGHT DELIVERY SOLUTIONS Session Chair: New neighbourhood, old habits? delivery preferences of residents in new development areas using the example of “WATERKANT Berlin” J Gruber, B Heldt, S Seidel, DLR, DE City logistics and policy frameworks J Cowie, Edinburgh Napier University; K Fiskén, South East of Scotland Transport Partnership (SESTran), UK Understanding the challenges of drone medical logistics services in developed nations A Oakey, T Cherrett, University of Southampton, UK</p>	<p>SUSTAINABLE URBAN FREIGHT TRANSPORT Session Chair: Shopping and shipping sustainably E Herreras-Griffiths, L Gibson, Transport for London, UK E-cargo bikes and local freight micro-mobility in the real world L Penn, WSP, UK Investigating the impact of eHighway system on weekday traffic including pandemic period Ö Öztürk, D Wauri, E Kassens-Noor, Technical University of Darmstadt, DE A methodological approach for the design of energy efficient urban logistics systems E Lardy, M Lafkihi, E Ballot, Mines ParisTech, FR</p>
Data	<p>DATA EVALUATION Session Chair: Csaba Kelen, Sweco, UK Independent Risk Evaluation M Bartlett, Mike Bartlett; A Leed, Oxford Global Projects, UK #SUSTAINABLETRANSPORT - social big data mining for the sustainable mobility and transport transition: findings from a large-scale cross-platform analysis M Stiebe, Institute of Sustainable Development, Zurich University of Applied Sciences, CH SAFETY Crash effecting factors analysis comparing artificial neural network and regression models M A Meinagh, A Brignone, CitiEu-Me; L Mussone, Politecnico di Milano, IT</p>	<p>DATA CLUSTERING AND INTERPRETATION Session Chair: Oliver Charlesworth, Bentley Systems, UK HUBS: a data-driven approach to detect and classify them Ö Günaydin, P van der Mede, Dat.mobility; L Bingen, Ministry of Infrastructure and Water Management, NL Analysis of trip request data in the light of its use in transport planning L Barthelmes, M Kagerbauer, F Pagel, P Vortisch, Karlsruhe Institute of Technology, DE Deep-learning techniques for thermal comfort assessment of pedestrian footfall G Ceccarelli, A De La Hoz, D Presicce, Transform Transport, Systematica, IT</p>	<p>NEW DEVELOPMENTS IN DATA COLLECTION Session Chair: Rimón Rafiah, Economikr, IL The pandemic: paving the way for active travel J Foo, L Hornung, Vivacity Labs, UK Applying a new "sums and shares" mixture model to pedestrian flows: the "La Défense" hub case study P de Nailly, L Oukhellou, E Come, A Samé, J Ferriere, RATP, FR Automatic passenger counting system in Baden-Württemberg R Schneider, RS Consult Holding UG, DE</p>
Transport Models	<p>MODE CHOICE Session Chair: Attraction constraints in the Amsterdam Transport Mode G van Eck, J Baak, Significance; J van den Elshout, M Pieters, Municipality of Amsterdam, NL Estimation and regionalization of nationwide parameters for destination and mode choice M van Essen, J Voorhorst, Goudappel, NL Understanding the role of psycho-social constructs in explaining random taste heterogeneity of travel mode choice behavior F Piras, D Giubergia, I Meloni, University of Cagliari, IT</p>	<p>CYCLING AND MICROMOBILITY Session Chair: Incorporating a cycling model in the multimodal transport model of the city of Ghent, Belgium J De Coster, C Puttemans, A Vanclooster, MINT, BE Micro-mobility forecasting analysis: the case of Paris G Ceccarelli, M Zuretti, D Presicce, A Vacca, R Choubassi, Systematica, IT RIDE HAILING What motivates or deters the use of ride hailing services (RHS) in India: A step-wise LCCA-MCDM modeling approach B Eeshan, G Arkopal Kishore, IIT Kharagpur, IN</p>	<p>IMPACT OF COVID ON TRAVEL DEMAND Session Chair: Behavioural changes in transport due to Covid-19 – a study of Swedish households’ travel behaviour K Ek, L Wårell, Luleå University of Technology, SE The shift in mobility trends as the pandemic unfolds M Filgueiras, M Amorim, A Couto, A Lobo, M Kern, N Fanderl, S Ferreira, University of Porto, PT The impacts of Covid-19 on travel in England in the short, medium and long-term C Rohr, F Dunkerley, T Pollard, N Frankland, J Wheeler, Mott MacDonald; P Hoad, C Minett, National Highways, UK</p>