

EUROPEAN TRANSPORT CONFERENCE: 9 – 11 SEPTEMBER 2020

Programme Thursday 10 September

Plenary session from 1830 hours CEST

Stream	Session 4 1000 hours CEST (0900 hours BST)	Session 5 1300 hours CEST (1200 hours BST)	Session 6 1530 hours CEST (1430 hours BST)
Global Trends impacting Transport	<p>INCLUSIVE TRANSPORT Session Chair: Gillian Harrison, ITS, University of Leeds, UK The future of transport and an ageing society C Davie, C Senese, Department for Transport, UK HiReach: innovative mobility solutions to cope with transport poverty S Borgato, S Bosetti, S Maffii, TRT, IT Digitalisation induced social inclusion and exclusion: opportunities and threats of new technologies in the field of transport E Fürst, WU Vienna; D Marano, Hilfsgemeinschaft, AT</p>	<p>INCLUSIVE TRANSPORT Session Chair: Vladimir Momčilović, University of Belgrade, RS Disability and transport: considering the uniquely resourceful capability of people with disabilities, neurodiversity and caring responsibilities R Jeremy, Jacobs, UK Elaborating a methodology to assess walkability of public spaces M Radics, J Berényi, A Munkácsy, P Tóth, KTI Institute for Transport Sciences, HU Cycling for everyone H Al-Siadi, M-Y Man Oram, S Claris, Arup; T Burns, Sustrans, UK Revealing actionable knowledge from data for more inclusive and fair employment in transport sector: the DIAMOND Project M C Leva, M Kinahan, Y Hail, R McQuaid, E Garcia, Sara Poveda, F Santareggia, C Bruce, R Corcoran, Technological University of Dublin, IE</p>	<p>GENDER AND TRANSPORT Session Chair: Ines Kawgan-Kagan, Mobility Consultant, DE Female mobility - ideas that benefit all L Ypma, Independent Consultant; F Bellmann, White Octopus; D Polack, City of Berlin, DE Gender aspects in transport systems and mobility services M Pirra, A R Lynce, S Kalakou, M Diana, M Costa, A Carboni, Politecnico di Torino, IT Travelling in a woman's shoes O O'Halloran, Arup; R Cahill, Transport Infrastructure Ireland, IE Gender-related perspectives and attitudes towards transport issues S Borgato, S Bosetti, S Maffii, TRT, IT Inclusive roadway infrastructure design: the impact of sex on crash injury outcomes by roadway environment type A Ryan, F Tainter, C Fitzpatrick, J Gazzillo, R Riessman, M Knodler, University of Massachusetts Amherst, US</p>
Planning for Sustainable Land Use and Transport	<p>QUESTIONING DEMAND Session Chair: Csaba Kelen, UK Can urban planning and architecture contribute to the reduction of traffic in cities? A case study of the Scali Ferroviari in Milano B Miller, C Choa AECOM, UK; K Pinter, F Arcuri, L Guala MIC Mobility in Chain, IT Travel demand, capability for carbon reduction and implications for vulnerability and excess travel I Philips, C Shadbolt, ITS, University of Leeds, UK The rising tide of transport gluttony S Claris, Arup, UK Everyday leisure trips by car – opportunities and challenges E Strömblad, Lund University, SE</p>	<p>STRATEGIC TRANSPORT Session Chair: Josephine Vos, Transport for London, UK Strategic Transport Project Review – appraising interventions in an uncertain future S Turnbull, Jacobs; N Halket, AECOM; P Junik, Transport Scotland, UK SPADE – a new method for infrastructure planning and spatial development J Kiel, I Hindriks, Panteia, NL; W Hansen, R Bøgh Holmen, TØI, NO; B Biesinger, AIT Austrian Institute of Technology, AT; N Galonske, A Zanardelli, HaCON, DE Use of geographical accessibility indicators in policy making B Zondag, Significance; E Molenwijk, RWS, NL National Investment Framework for Transport in Ireland'2040 T Campbell, A Scarlett, Department for Transport, Tourism and Sport, IE</p>	<p>WELLBEING AND SOCIAL VALUE Session Chair: Fiona Brown, Transport Scotland, UK Applying the concept of Wellbeing to Transport D Snellen, PBL Netherlands Environmental Assessment Agency, NL Social value at the heart of sustainable planning O Feldman, Arcadis, UK</p>
Rail Policy and Planning	<p>NETWORK DEVELOPMENTS Session Chair: John Siraut, Jacobs, UK Open access rail competition in the UK – applying new procedures with Grand Union Trains A M Coates, AECOM, UK Single-track railways in Europe, what future? S Maggi, University of Siena, IT A toolkit for expanding the rail network M Havenhand, Arup; M Shepherd, Oxera, UK</p>	<p>CROSS-BORDER AND EUROPEAN INTEGRATION Session Chair: Bruno Villé, MINT, BE Towards a European mobility with rail as backbone - a review of research roadmaps in transport J Kommers, C Sánchez, A Carrillo Zanuy, Eurnex, DE; M Robinson, T Zunder, Newcastle University, UK Towards a seamless rail journey without borders – insights from the Rhine-Alpine Corridor P Endemann, Regionalverband FrankfurtRheinMain, DE; R Delpiano, Uniontrasporti, IT The effects of cross-border cooperation and policy decision-making between the Netherlands and Germany A Goss, Jacobs Engineering, IE</p>	<p>RAIL COMPETITION Session Chair: Ben Condry, Imperial College London, UK The seeds of competition in long-distance rail transport. Comparing the early open-access countries P Beria, S Tolentino, V Lunkar, Politecnico di Milano, IT; V Pařil, M Kvasnička, Masaryk University, CZ Air competition for UK domestic rail journeys A Loynes, Department for Transport, UK Does competition suppress rail's competitiveness? C Nuttall, W Jiang, Atkins, UK Open access competition in HSR in Europe: regulation as key driver of success P Coppola, Politecnico di Milano, IT; A Giuricin, University Milan Bicocca, IT, China Academy Railway Sciences, CN and World Bank, INT JOINT SESSION WITH THE TRANSPORT ECONOMICS, FINANCE AND APPRAISAL STREAM</p>
Rail Policy and Planning	<p>FREIGHT: COSTS AND DEMAND Session Chair: Peter Endemann, Regionalverband FrankfurtRheinMain, DE An analysis of the importance for freight transport of the various Alpine Passes: currently and after the opening of the new planned railway lines M Lupi, A Pratelli, V Stillitano, A Farina, University of Pisa, IT A methodology for freight railway transport costs evaluation D Gattuso, G C Cassone, DIIES, Mediterranea University of Reggio Calabria, IT FCD-based investigation of the potential rail-road freight demand: methodological and applicative aspects A Polimeni, University of Rome Tor Vergata, IT JOINT SESSION WITH THE FREIGHT AND LOGISTICS STREAM</p>		
Local Public Transport	<p>DEMAND RESPONSIVE TRANSPORT Session Chair: Olga Feldman, Arcadis, UK New dogs – old tricks? J Hawthorne, Independent Consultant, UK ioki - Digital solutions for demand-responsive public transport Y Michel, ioki GmbH, DE Understanding ride-sharing systems in urban areas: the role of location, users and barriers L Mitropoulos, A Kortsari, G Aifadopoulou, CERTH-HIT, GR</p>	<p>AUTONOMOUS SHUTTLES Session Chair: Konstanze Winter, RWS, NL Driving the future today – global status, challenges and opportunities for cities from connected and autonomous vehicles J Spear, Atkins Acuity, UA Automated shuttle services in public transport. Lessons learned from the SmartFeeder research project in Norway L-E Lervåg, SINTEF, NO Assessing optimised AV operations at scale</p>	<p>RESILIENCE AND SAFETY Session Chair: John Hawthorne, Independent Consultant, UK Passenger safety: the impact of smoother bus acceleration on passenger experience aboard London buses X Karekla, AECOM, UK A topological analysis of underground network performance with disruptive events L Mussone, H Viseh, R Notari, Politecnico di Milano, IT Incident management in public transport - surveying dispatchers' actions</p>

		R Tolouei, S Psarras, AECOM; S Tolofari, A Gray, Leicestershire County Council, UK	
Transport Models	<p>MODELLING FLEETS AND ASPECTS OF ELECTRIC VEHICLE ROLLOUT Session Chair: Laurence Chittock, PTV, UK Integrated charge site allocation for electric vehicles J Brinken, T Schulz, S Helm, Otto von Guericke University Magdeburg; N Schmidtke, Fraunhofer Institute for Factory Operation and Automation IFF, DE Activity-chain demand modelling for electric vehicles M Oliver, PTV; A Gordon, Andrew Gordon Consulting, UK Assessing the future of the market for electric vehicles; questions of choice or coercion? A Smyth, Transport Analysis & Advocacy Ltd.; C Rohr, Rand Europe, UK A novel two-stage fleet composition model to estimate emission standard categories of the Leicester car fleet H Nilsson, AECOM, AU; R Tolouei, AECOM; M Mace, Leicester City Council, UK</p>	<p>OPTIMISATION IN MODELLING Session Chair: Michel Addyman, Atkins, UK Eurotunnel: using simulation to improve vehicle flow in a busy terminal J-N Diltor, Aimsun, FR Route optimisation programming for emergency vehicles aftermath of freight train accidents involving hazardous materials S Amin, L Froger, O Haas, Coventry University, UK Development of a microscopic tour based demand model without statistical noise L Brederode, B Rijkssen, DAT.Mobility; T Hardt, TU Delft, NL</p>	<p>DYNAMIC TRAFFIC ASSIGNMENT MODELS Session Chair: Advances in large scale traffic simulation and dynamic traffic assignment M Mahut, I Juran, J Castiglione, D Tischler, INRO, CA Regionwide and city-wide dynamic traffic assignment models using micro-simulation H Slavin, Caliper Corporation, US Exploiting speed measurements to improve the dynamic OD matrix estimation problem L Meschini, PTV SISTeMA; G Gentile, University of Rome "La Sapienza", IT Short term prediction services for pro-active urban traffic management L Suijs, Goudappel Coffeng; H Palm, L Wismans, DAT.Mobility; E Mein, Technolution; N Van Beugen, Gemeente Deventer, NL</p>