

Opening Session	<p style="text-align: center;">0915 – 1030</p> <p style="text-align: center;">Welcome from the Association for European Transport (AET) Professor Pierluigi Coppola, Chair of the AET Board Conference Welcome Address Shane Ross, TD, Minister for Transport, Tourism and Sport, IE Guest speaker Ms Maja Bakran, Deputy Director-General for Mobility and Transport, European Commission A Transport Sector Fit for a Clean, Digital and Modern Economy</p> <p style="text-align: center;">Hibernia Centre Conference Room</p>		
Stream	Session 1 1100 - 1300	Session 2 1400 - 1600	Session 3 1630 – 1800
Interreg VA - Priority Axis 3 Sustainable Transport Conference	<p>Crossing Borders: The potential and benefits of sustainable transport in an age of barriers, infrastructure and changing politics Dr. James M Cooper, Session Facilitator Balcony Room</p> <p>Welcome from Mark Feeney, Director of Managing Authority, SEUPB Defining the border, barrier or opportunity? James M Cooper, Transport Research Partners Shared Communities, cross-border movement and transport Professor Austin W Smyth Comparisons of border Impacts: Hard and soft borders, experiences from San Ysidro/Tijuana border John Scott, Transport Research Partners</p> <p>Expert Panel 1, Review of border impacts Dr. Travis O’Doherty, Eastern and Midland Regional Assembly Professor Austin Smyth, University of Hertfordshire Ken Nelson, Chairman Intertrade Ireland</p>	<p>Crossing Borders: The potential and benefits of sustainable transport in an age of barriers, infrastructure and changing politics Professor Austin Smyth, Session Facilitator Balcony Room</p> <p>Expert Panel</p> <p>Developing and implementing sustainable infrastructure: Ulster Canal Greenway</p> <p>Developing and implementing sustainable infrastructure: Carlingford Lough Greenway</p> <p>Developing and implementing sustainable infrastructure: North West Greenways</p> <p>Developing and implementing sustainable infrastructure: Northwest Multimodal Hub</p>	<p>Crossing Borders: The potential and benefits of sustainable transport in an age of barriers, infrastructure and changing politics Balcony Room</p> <p>Expert Panel 2, Review of research and implementation of sustainable transport</p> <p>Conall McGettigan, Northern and Western Regional Assembly Michael D’Arcy, Darcy Smyth Ireland Dr Sue Christie, Council for Nature Conservation and the Countryside Garret Doocey, DTTAS Ireland Ashley Hunter, Sustrans</p> <p>Wrap-up discussion, Transport Research Partners Concluding comments, Mark Feeney SEUPB</p>
System Dynamics	<p>AUTOMATED AND ELECTRIC VEHICLES Sponsored by the Intelligent Mobility - management and operations and Global Trends impacting Transport Programme Committees Session Chair: John Swanson, Steer, UK President’s Room</p> <p>Benefits and uptake sensitivities of connected and automated vehicles G Harrison, S Shepherd, H Chen, Y Barnard, ITS, University of Leeds, UK Societal impacts of highly automated cars using the toolbox of System Dynamics P Pfaffenbichler, A Günemann, R Klementschtz, IVE-BOKU; G Emberger, FVV-TU Wien, AT; S Shepherd, ITS, University of Leeds, UK System Dynamics applied to the automotive market: a study on the adoption rate of new driving technologies T G Cesati, L Geppert, Catholic University of Milan, IT Global uptake of electric vehicles to 2050 in a decarbonizing energy system O Özgün, B E Bakken, H Bartelet, DNV GL, NO</p>	<p>STRATEGY AND TRENDS FOR FUTURE AND URBAN MOBILITY Sponsored by the Transport Models Programme Committee Session Chair: Paul Pfaffenbichler, IVE-BOKU, AT President’s Room</p> <p>Experience with a large-scale system dynamics model: the Urban Dynamic Model (UDM) J Swanson, Steer, UK Demographic, social and technological trends in transport forecasting A Duckenfield, O Russell, Steer, UK Modelling the economic impacts of inter-city connectivity schemes D Pierce, S Shepherd, ITS, University of Leeds, UK SIMBA MOBi: microscopic mobility simulation for corporate planning (6266) W Scherr, P Manser, P Bützberger, SBB, CH</p>	
Autonomous Vehicles	<p>AUTONOMOUS VEHICLES Sponsored by the Local Public Transport and Intelligent Mobility - management and operations Programme Committees Session Chair: Niels van Oort, TU Delft, NL Hibernia Centre Conference Room</p> <p>Will public transport be relevant in a self-driving future? a demand model simulation of six explorative scenarios for Stockholm E Almlöf, M Nybacka, A Pernestål, KTH Royal Institute of Technology, SE Advancing public transport in an era of autonomous vehicles – creating a city worth living in J McCarthy, Arup, IE AV meets PT: the future of automated vehicles in public transport R Boersma, Delft University of Technology & University of Applied Sciences Rotterdam; A Scheltes, Goudappel Coffeng; N van Oort, Delft University of Technology, NL</p>	<p>AUTONOMOUS VEHICLES Sponsored by the Freight and Logistics, Transport Economics, Finance and Appraisal and Intelligent Mobility - management and operations Programme Committees Session Chair: Jan Francke, KiM, NL Hibernia Centre Conference Room</p> <p>Autonomous vehicles vs. loading/unloading operations: are contemporary working practices and planning methods obsolete? V Carlan, J Hintjens, T Vanelslender, University of Antwerp, BE Cost Benefit Analysis of driverless automated trucks deployment C Judith, National Road Transport Association (CNR) and Ecole des Ponts Paristec-h; Z Kolli, O Raymond, A Giret, General Commission for Sustainable Development; D Meunier, General Commission for Sustainable Development and LVMT, FR; P Brender, Department for Business, Energy and Industrial Strategy, UK The emerging technological innovation system of driverless trucks A Engholm, A Pernestål, KTH Royal Institute of Technology; A Björkman, Y Joelsson, Swedish Transport Administration/KTH Royal Institute of Technology; I Kristoffersson, Swedish National Road and Transport Research Institute (VTI), SE The "autonomous vehicles", national rights and on-the-road tests. A case of conflict between legal systems? C Tincani, University of Verona, IT</p>	<p>AUTONOMOUS VEHICLES – IMPACT Sponsored by the Intelligent Mobility - management and operations Programme Committee Session Chair: Gavin Jackman, Aimsun, UK Hibernia Centre Conference Room</p> <p>Impacts of automated driving and shared mobility – explorative model and case study of the province of North-Holland H J Bergveld, Arcadis; M Snelder, TNO and TU Delft; P Hoseini, Province of North Holland, NL Modelling the effects of autonomous vehicles on network performance: a microscopic simulation approach G Mesionis, M Brackstone, Aimsun, ES and UK Future users of pooled and shared autonomous vehicles G Wells, Z Wadud, AECOM, UK</p>

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Global Trends impacting Transport	<p>NATIONAL TRANSPORT POLICY STRATEGIES Sponsored by the Global Trends impacting Transport and Planning for Sustainable Land Use and Transport Programme Committees Session Chair: Richard Manton, Engineers Ireland, IE Room E207 - 208</p> <p>Young people's travel – what's changed, why and the implications K Chatterjee, P Goodwin, University of the West of England; T Schwanen, University of Oxford; C Davie, Department for Transport, UK</p> <p>Developing a National Transport Strategy – collaboratively and in the face of an uncertain future L Kenney, Transport Scotland; P McCartney, Peter Brett Associates now part of Stantec, UK</p>	<p>SAFETY AND PEOPLE WITH DISABILITIES Sponsored by the Global Trends impacting Transport Programme Committee Session Chair: Ines Kawgan-Kagan, Mobility Expert, DE Courtyard Room</p> <p>Invisible vehicles? – addressing a central problem of electric and hybrid vehicles for blind and visually impaired persons E W M Fürst, WU Vienna; D Marano, Hilfsgemeinschaft – Association Supporting the Blind and Visually Impaired, AT</p> <p>Universally designed public transport systems that are accessible and useable by everyone - an international collaboration G Craddock, N Fawl, Centre for Excellence in Universal Design at the National Disability Authority, IE; T Feng, San Francisco Bay Area Rapid Transit (BART) District, US</p>	<p>INTELLIGENT SIGNAGE AND TRAFFIC CONTROL Sponsored by the Intelligent Mobility - management and operations Programme Committee Session Chair: Samya Ghosh, AECOM, UK Room E207 - 208</p> <p>A novel wayfinding tool S Kavakeb, E Ruxton, AECOM, UK</p> <p>Re-signing Dublin! C Ennis, Dublin City Council, IE</p> <p>enhancing Motorway Operation Services (eMOS) R Corbally, L Feely, Roughan & O'Donovan Consulting Engineers; A O'Sullivan, Transport Infrastructure Ireland, IE</p>
Planning for Sustainable Land Use and Transport	<p>INCLUSION Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee Session Chair: Eoin Gillard, Transport Infrastructure Ireland, IE Chesterfield Room</p> <p>Socio-spatial conditions for transport poverty the Netherlands L Harms, D Snellen, H Nijland, PBL Netherlands Environmental Assessment Agency; M Verhoeven, CBS Statistics Netherlands, NL</p> <p>Active elderly mobility and transport policies: key features for social inclusion and well-being of seniors E Maggi, E Pantelaki, D Crotti, University of Insubria, IT</p> <p>Designing for urban childhoods and transport F zu Dohna, S Williams, H Wright, J Hargrave, M Dillon, Arup, UK</p> <p>The monetary valuation of journey quality impacts for active users: a case study in the UK P Bueno Cadena, T Ghez, Atkins; J Payne, Highways England, UK</p>	<p>LAND USE AND TRANSPORT INTERACTION (LUTI) Sponsored by the Planning for Sustainable Land Use and Transport Programme Committee Session Chair: Fiona Brown, Transport Scotland, UK Chesterfield Room</p> <p>Integrating mobility and urban planning in rural and suburban areas of the French Alps: lessons from the Interreg ASTUS project G Bentayou, D Dubois, Cerema; S Duvillard, G Feyt, M-C Fourny, University of Grenoble-Alpes, FR</p> <p>Grand Paris express project – land-use and economic impacts using the interregional model of France M Bosredon, D Simmonds, DSC France, FR; V Nacar, David Simmonds Consultancy Ltd., UK</p> <p>Edinburgh City Centre: an integrated strategy for transformation K Gowenlock, Jacobs; D Narayanan, City of Edinburgh Council and Sustrans, UK</p> <p>Mobility as a catalyst for urban development: the cable car network in La Paz M Funda, Doppelmayr Seilbahnen GmbH, AT</p>	<p>HUBS 2 Sponsored by the Planning for Sustainable Land Use and Transport and Global Trends impacting Transport Programme Committees Session Chair: John Desmond, An Bord Pleanala, IE Chesterfield Room</p> <p>Assessing multimodal mobility trends using heterogeneous data sources: a case study for supporting sustainable mobility policy goals within the Algarve region E Arsenio, S M Silva, LNEC; H I Pereira, Universidade de Lisboa; A Domingues, CCDR Algarve, PT</p> <p>Transit Oriented Development (TOD). Challenges and perspectives; the case of Athens' Metro Line 4 S Tsigdinos, Y Paraskevopoulos, National Technical University of Athens, GR</p> <p>Mobility HUB's to boost inner city redevelopment - the case of the Merwede Canal Area with 10,000 new dwellings in high densities C Kwantes, Goudappel Coffeng; S van der Hijden, Municipality of Utrecht, NL</p>
Local Public Transport	<p>AUTONOMOUS VEHICLES Sponsored by the Local Public Transport and Intelligent Mobility - management and operations Programme Committees Session Chair: Niels van Oort, TU Delft, NL Hibernia Centre Conference Room</p> <p>Will public transport be relevant in a self-driving future? a demand model simulation of six explorative scenarios for Stockholm E Almlöf, M Nybacka, A Pernestål, KTH Royal Institute of Technology, SE</p> <p>Advancing public transport in an era of autonomous vehicles – creating a city worth living in J McCarthy, Arup, IE</p> <p>AV meets PT: the future of automated vehicles in public transport R Boersma, Delft University of Technology & University of Applied Sciences Rotterdam; A Scheltes, Goudappel Coffeng; N van Oort, Delft University of Technology, NL</p>	<p>HUBS 1 Sponsored by the Local Public Transport and Rail Policy and Planning Programme Committees Session Chair: András Munkácsy, KTI, HU Guard Room</p> <p>Why interchange is important J Hawthorne, Independent Consultant, UK</p> <p>Measuring station access, egress and interchange times from transactional journey times E Manley, University College London and the Alan Turing Institute; H Wong, Transport for London, UK</p> <p>Determinants of public transport use toward intermodal hubs, including emerging modes F Torabi Kachousangi, N van Oort, S Hoogendoorn, Delft University of Technology, NL</p> <p>Impact of intermodal nodes in urban and metropolitan mobility. Case study: Zaragoza-Delicias Intermodal Station J Ortiz, S Civeira, Transport Authority of the Metropolitan Area of Zaragoza, CTAZ; C Martinez-Vilanova, P G Vilarinho, Advisian, ES</p>	<p>BUS OPERATION Sponsored by the Local Public Transport and Data Programme Committees Session Chair: Broos Baanders, Independent Consultant, NL Crown Jewels Room</p> <p>Bus demand predictive analysis on Barcelona Waterfront J Mension, M Pelot, Transports Metropolitans de Barcelona (TMB), ES</p> <p>Controlling high-frequency bus services by implementing headway-based holding strategies E van der Werff, Goudappel Coffeng; N van Oort, O Cats, S Hoogendoorn, Delft University of Technology, NL</p> <p>Why are we waiting? J Hawthorne, Independent Consultant, UK</p>
Rail Policy and Planning	<p>TRAINS AND BEHAVIOURAL RESPONSE Sponsored by the Rail Policy and Planning Programme Committee Session Chair: Neil Fleming, Department for Transport, UK Guard Room</p> <p>Give train passengers something to do! M van Hagen, E ten Elsen, Netherlands Railways (NS), NL</p> <p>Developing a train interior which fits the needs of customers M van Hagen, J van der Made, Netherlands Railways (NS), NL</p> <p>Returns on marketing investment in the rail industry with information asymmetry – an analytical method for appraisal and planning purposes A Marsden, Department for Transport, UK</p> <p>The use of Twitter by passenger train operating companies to meet the needs of their customers J M Howard, University of Westminster, UK</p>	<p>HUBS 1 Sponsored by the Rail Policy and Planning and Local Public Transport Programme Committees Session Chair: András Munkácsy, KTI, HU Guard Room</p> <p>Why interchange is important J Hawthorne, Independent Consultant, UK</p> <p>Measuring station access, egress and interchange times from transactional journey times E Manley, University College London and the Alan Turing Institute; H Wong, Transport for London, UK</p> <p>Determinants of public transport use toward intermodal hubs, including emerging modes F Torabi Kachousangi, N van Oort, S Hoogendoorn, Delft University of Technology, NL</p> <p>Impact of intermodal nodes in urban and metropolitan mobility. Case study: Zaragoza-Delicias Intermodal Station J Ortiz S Civeira, Transport Authority of the Metropolitan Area of Zaragoza, CTAZ; CI Martinez Vilanova, P G Vilarinho, Jacobs, ES</p>	<p>RAIL: TACKLING THE FRICTION OF DISTANCE AND BORDERS Sponsored by the Rail Policy and Planning Programme Committee Session Chair: Ben Condry, Imperial College London, UK Guard Room</p> <p>Using a baseline evaluation to learn from a major project – the Thameslink Programme J Hayat, A M Coates, AECOM; C Levy, Department for Transport, UK</p> <p>Competitive tendering on railway services in the Czech Republic O Spetik, Masaryk University, CZ</p> <p>Douro Valley main line, an essential international link for integrating logistics, markets and tourism M M Tao, Universidade do Algarve, PT</p>

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Global Trends impacting Transport		<p>FREIGHT Sponsored by the Global Trends impacting Transport Programme Committee Session Chair: Liam Fassam, University of Northampton, UK Room E207 - 208</p> <p>Automated vehicles technical logistics - an implementation challenge M Stokic, V Momcilovic, B Dimitrijevic, University of Belgrade, RS Promoting greener transport connectivity in the Eastern partnership countries A Nunez, M Abate, D Brenig-Jones, M Dimond, World Bank, INT</p>	
Freight and Logistics	<p>SUPPLY CHAIN ANALYSIS Sponsored by the Freight and Logistics Programme Committee Session Chair: Liam Fassam, University of Northampton, UK Castle Hall</p> <p>Implementation of cross-actor eta prediction models for intermodal transport chains based on machine learning A Balster, P Poschmann, M Weinke, H Friedrich, A Ludwig, F Straube, Kühne Logistics University, DE An integrated supply chain model for export commodities for Indian container goods V G Mohan, S T John, M A Naseer, National Institute of Technology, IN Supply chain risk management and transport damages – a critical review of prediction and prevention approaches A Russinger, Novartis, DE</p>	<p>AUTONOMOUS VEHICLES Sponsored by the Freight and Logistics, Transport Economics, Finance and Appraisal and Intelligent Mobility - management and operations Programme Committees Session Chair: Jan Francke, KiM, NL Hibernia Centre Conference Room</p> <p>Autonomous vehicles vs. loading/unloading operations: are contemporary working practices and planning methods obsolete? V Carlan, J Hintjens, T Vanelander, University of Antwerp, BE Cost Benefit Analysis of driverless automated trucks deployment C Judith, National Road Transport Association (CNR) and Ecole des Ponts Paristech; Z Kolli, O Raymond, A, Giret, General Commission for Sustainable Development; D Meunier, General Commission for Sustainable Development and LVMT, FR; P Brender, Department for Business, Energy and Industrial Strategy, UK Driving forces and incentives for self-driving vehicles in road freight transport: towards an understanding of actor dynamics and sustainability outcomes Y Joelsson, A Björkman, Trafikverket; A Engholm, A Pernestål, ITRL - Integrated Transport Research Lab, SE The "autonomous vehicles", national rights and on-the-road tests. A case of conflict between legal systems? C Tincani, University of Verona, IT</p>	<p>EXTERNAL COSTS ANALYSIS Sponsored by the Freight and Logistics, Transport Economics, Finance and Appraisal and Global Trends impacting Transport Programme Committees Session Chair: Jan Francke, KiM, NL Castle Hall</p> <p>Marginal infrastructure costs and external costs caused by sea transports in Sweden I Vierth, VTI – Swedish Road and Transport Research Institute, SE Energy and climate efficient freight transport from a national systems perspective J Karlsson, R Karlsson, J Kalantari, I Vierth, VTI; A Carlsson, Linköping University, SE Understanding how to ensure efficient operation of cargo bikes on winter roads Å Dybdalen, E Ryeng, NTNU -Norwegian University of Science & Technology, SE</p>
Transport Economics, Finance and Appraisal	<p>EX-POST EVALUATION Sponsored by the Transport Economics, Finance and Appraisal and Transport Models Programme Committees Session Chair: Rimon Rafiah, Ekonomikr, IL Courtyard Room</p> <p>Understanding the economic performance impacts of road enhancements C Levy, A Charlesworth-May, Department for Transport, UK Cost performance in construction contracts M Welde, Norwegian University of Science and Technology NTNU; R Endre Dahl, University of Stavanger, NO Road reform in Norway - better value for money through improved front-end management M Welde, G Holst Volden, NTNU Norwegian University of Science and Technology, NO Research into better understanding the traffic impacts of road enhancements B Whittaker, WSP; F Dunkerley, C Rohr, RAND Europe; A Charlesworth-May, T Blackman, I Stead, Department for Transport, UK</p>	<p>APPRAISAL STRATEGIES Sponsored by the Transport Economics, Finance and Appraisal Programme Committee Session Chair: Morten Welde, NTNU Norwegian University of Science and Technology, NO La Touche Room</p> <p>Developing a new appraisal and modelling strategy for the UK Department for Transport R Cambery, L Jacobs, B Meehan, J Nava, I Stead, Department for Transport, UK Strategic Transport Project Review 2– Integrating regional and national appraisals S Turnbull, Jacobs; N Halket, AECOM; P Junik, Transport Scotland, UK Northern England's Strategic Development Corridors: key experiences of developing the long-term investment programme J Shanks, WSP; R Bradley, Transport for the North, UK People-centred business cases N Herrick, S Nanda, P Corcoran, Department for Transport, UK</p>	<p>ECONOMETRIC ANALYSIS IN TRANSPORT ECONOMICS Sponsored by the Transport Economics, Finance and Appraisal Programme Committee Session Chair: Rimon Rafiah, Ekonomikr, IL Courtyard Room</p> <p>Modelling the potential for value capture: the property market impact of transport and accessibility J Nellthorp, M Ojeda Cabral, D Johnson, ITS, University of Leeds, UK Demand for parking space in parking garages in Frankfurt – econometric modeling and forecasts T Hagen, Frankfurt University of Applied Sciences, DE Effects of road capital and quality on regional economic growth - a study on German counties D Gaus, H Link, DIW (German Institute for Economic Research), DE</p>
Data	<p>AIR QUALITY, WEATHER AND ENVIRONMENT Sponsored by the Data Programme Committee Session Chair: Oliver Charlesworth, Citilabs, UK Crown Jewels Room</p> <p>The effect of adverse weather on sustainable transport utilising available data C French, Dublin City Council, IE Finnish car fleet characteristics' effects to greenhouse gas reduction targets R Viri, Tampere University, FI Mobile air quality measurements to support assessment of air quality over large areas F Galatioto, J Ferguson-Moore, R Johnston, Connected Places Catapult, UK</p>	<p>SUSTAINABLE TRAVEL ANALYTICS Sponsored by the Data Programme Committee Session Chair: Laurence Chittock, PTV, UK Crown Jewels Room</p> <p>Detection of atypical events on a public transport network using smart card data A-S Briand, E Côme, L Oukhellou, Université Paris-Est, IFSTTAR-COSYS-GRETTIA; M Khouadjia, IRT SystemX, FR Is a congestion-less future achievable? C Nelson, Swiftly, UK Cluster analysis of public bike sharing systems for categorization purposes T Mátrai, J Tóth, Budapest University of Technology and Economics, HU Low speed autonomous transport systems – driverless pods for pedestrianised spaces J Miles, Y Zhang, Cambridge University; T Armitage, Arup, UK</p>	

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Transport Models	<p>BIG DATA Sponsored by the Transport Models Programme Committee Session Chair: Luc Wismans, Goudappel, NL Poddle Room</p> <p>Combining mobile network data and routing APIs to generate transport demand models B Bock, A Klein, civity Management Consultants GmbH & Co. KG, DE</p> <p>Analysing temporal variations in trip making behaviour using longitudinal mobile network data R Tolouei, AECOM; P Hoad, Highways England, UK</p> <p>Estimating the potential for Mobility-as-a-Service in the Netherlands using mobile phone data L Brederode, R Koopal, DAT.Mobility, NL</p> <p>Demand matrix building: emerging guidance from the Department for Transport N Sari, Department for Transport; R Tolouei, P Hanson, AECOM; C Bruce, S Camm, P Thiele, Arup, UK</p>		<p>ANALYTICS Sponsored by the Transport Models Programme Committee Session Chair: David Siddle, Jacobs, UK Poddle Room</p> <p>Developing an artificial neural network for estimating road capacity values for weaving sections J Janssen, University of Twente, DAT.Mobility); L Brederode, DAT.Mobility; L Wismans, Goudappel Coffeng, University of Twente; E van Berkum, University of Twente, NL</p> <p>The role of performance indicators in measuring the impact of variable speed limits in Ireland C de Paor, R Corbally, M Duranovic, L Feely, Roughan & O'Donovan Consulting Engineers; A O'Sullivan, Transport Infrastructure Ireland, IE</p>
Transport Models	<p>MODEL APPLICATIONS Sponsored by the Transport Models Programme Committee Session Chair: Gavin Jackman, Aimsun, UK La Touche Room</p> <p>TfL London ONE Model: a dynamic project G Jackman, Aimsun, S Kerry, T Dichev, Transport for London, UK</p> <p>Hierarchical transport models in The Netherlands J Kiel, Panteia; R Koopal, Goudappel Coffeng; R van Grol, Significance; M Heynickx, Province of Noord-Brabant, NL</p> <p>How to mitigate induced automobile travel due to automation? analyses based on an aggregated travel demand model L Fremder, DLR, DE</p>	<p>BIG MODEL APPLICATION Sponsored by the Transport Models Programme Committee Session Chair: David Siddle, Jacobs, UK Poddle Room</p> <p>Development and results of a model back-cast forming part of the DFT's National Transport Model Assurance and Transparency Plan M Jay, T Kousoulidou, Department for Transport, UK</p> <p>Modelling England at a national scale: the computing challenge and modelling benefits D Aspital, T Gent, Atkins; P Sumner, Department for Transport, UK</p> <p>Effectiveness of conventional methods in estimating intrazonal generalised cost variations in transport modelling Md. Saniul Alam, Jacobs Engineering and Trinity College Dublin; D Siddle, Jacobs Engineering; B Colleary, National Transport Authority, IE</p>	<p>DISCRETE CHOICE AND BIG MODEL Sponsored by the Transport Models Programme Committee Session Chair: Paul Hanson, AECOM, UK La Touche Room</p> <p>Spatial transfer of mode-destination models from the West Midlands to the South East Wales Regions of the UK J Fox, B Patruni, RAND Europe; G Bate, Mott MacDonald, UK</p> <p>Modelling extremes of toll and travel time savings for a new toll road PPP P Davidson, A Thomas, M Adeeb, S Karavadi, Peter Davidson Consultancy Ltd, UK</p> <p>National Transport Model for England: estimating a variable demand model at a national scale C Lindsay, T Gent, Atkins; J Fox, RAND; P Sumner, Department for Transport, UK</p>
Young Researchers' and Practitioners' Forum	<p>SUSTAINABILITY Sponsored by the Young Researchers' and Practitioners' Forum Session Chairs: Angel Gonzalez, Worley Advisian, ES and Fulvio Silvestri, University of Rome "Tor Vergata", IT Room E213</p> <p>Connecting Ireland - methods for applying national land use and transport policy locally C Kelly, Jacobs Engineering, IE</p> <p>Autonomous single-seat vehicles as an alternative to shared transport: a holistic approach M Vanzura, CDV - Transport Research Centre, CZ</p> <p>Designing a carbon budget user experience A Grun, A Tuli, B C Oxley, K Huhtala-Jenks, MaaS Global, FI</p>	<p>AUTONOMOUS VEHICLES Sponsored by the Young Researchers' and Practitioners' Forum Session Chairs: Gavin Jackman, Aimsun, UK and Andre Goncalves, Sweco, UK Castle Hall</p> <p>A fleeting thought: charging the way to an autonomous future G Box, L Herbert, M Clarke, Atkins, UK</p> <p>A review of the spatial and social determinants of pedestrian-vehicle interactions O Thompson Sargoni, E Manley, CASA, University College London, UK</p> <p>Civil liability and autonomous vehicles: a critical analysis F Romana Carlone, University of Genova, IT</p> <p>A novel emergency evacuation algorithm for vehicles based on vehicle-to-vehicle (V2V) communication R Han, M Tolan, N Padmaprabhu, F Cleary Telecommunications Software & Systems Group (TSSG), Waterford Institute of Technology, IE</p>	