Friday 6 October			
	Session 7 **0930 - 1100**	**Session 8** **1130 - 1330**	**Session 9** **1500 - 1630**
Value of Time	**Value of Time** **Session Chair: David Meunier, ENPC, FR** **The psychological value of time** M Galetzka, A Pruyn, University of Twente; M van Hagen, Nederlandse Spoorwegen, NL **Research agenda for a new value of time study for The Netherlands** P Warffemius, T Zijlstra, P Wortelboer, KiM Netherlands Institute for Transport Policy Analysis, NL **Deriving the value of time in a border region using a state-of-the-art dynamic modeling approach** J Shelton, P T Martin, New Mexico State University; G Valdez, Texas A&M Transportation Institute, US	**Value of Time and Perception** **Session Chair: Peter Davidson, Peter Davidson Consultancy, UK** **The impact of real-time information on passengers' value of bus waiting time** H Lu, P Burge, RAND Europe; C Heywood, Accent, UK **Estimation of value of time for autonomous driving using revealed and stated preference method** V Kolarova, F Steck, S Trommer, Institute of Transport Research, German Aerospace Center, DE **The valuation of environmental externalities and travel time. A citizen perspective** N Mouter, S van Cranenburgh Delft University of Technology, NL; M Ojeda Cabral, ITS Leeds, UK	**Value of Time and Perception** **Session Chair: Mark Wardman, SYSTRA, UK** **Toward the use of (spatial) equity values of time in appraisal** N Mouter, S van Cranenburgh, B van Wee, Delft University of Technology, NL **The role of time perception and the loyalty to the car in mode choice** S Ahetze Puignau Arrigain, F di Ciommo, S Saurí Marchán, Center for Innovation in Transport (CENIT), ES **A self-engagement model to account for the impact of non-work related activities on the value of travel time savings** K Adjenughwure, M de Bruyn, Nederlandse Spoorwegen, NL
Mobility as a Service	**Mobility as a Service** **Session Chair: Domokos Esztergár-Kiss, Budapest University of Technology and Economics, HU** **Developing a new Mobility as a Service concept** V Cervantes, CEA, FR; P Davidson, H Porter, Peter Davidson Consultancy, UK **Taxi system analysis and assessment: a basis for developing a taxi strategy for Dubai** K Abbas, RTA, AE and ENIT, EG; A Y Al Ali, Md Mazin, RTA, AE **Demand analysis and willingness to use of passengers of flexible public mobility concepts** K Viergutz, F Brinkmann, German Aerospace Center (DLR), DE	**Mobility as a Service** **Session Chair:** **Why public transport is an essential part of Mobility as a Service** J Hawthorne, Independent Transport Consultant, UK **Contribution of an automated Metro Line to the dynamism of a modern city** M Pellot, Transports Metropolitans de Barcelona (TMB), ES **Challenges in forecasting older adults' use of mobility as a service: US perspective** J Zmud, Texas A&M Transportation Institute, US **Demand oriented mobility solutions for rural areas using autonomous vehicles** M Von Mörner, Technische Universität Darmstadt, DE	**Mobility as a Service** **Session Chair:** **Is Uber a threat to public transit?** P SerVaas, B Young, DoubleMap, US **Systemic analysis for shared mobility solutions in the territorial setting** F Leurent, G Lesteven, V Boutueil, LVMT – ENPC, FR **Business models shaping future mobility** J Laborda, RACC Automobile Club, ES
Transport Economics,	**Equity** **Session Chair:**		**Wider Impacts** **Session Chair:**

Finance and Appraisal	**A new metric with which to address transport inequality** T Cohen, UCL Centre for Transport Studies, UK **Why change behaviors? cost-benefit analysis of different strategic scenarios with respect to sustainability and equity** R Grimal, Center for Expertise and Studies on Risks, Environment, Mobility and Town Planning (CEREMA), FR **Transport equity assessment: experience, challenges and lessons learnt** I Tucta, R Bose, I Baker, Mouchel, UK		**Estimating relationship between agglomeration and productivity for use in transport appraisal in Norway** S Babri, SINTEF; Ø Lervik Nilsen, Norwegian University of Science and Technology/Rambøll Norway; T Tørset, Norwegian University of Science and Technology, NO **Evaluating the economic impact of car-sharing in urban areas** C Wilson, M Shepherd, Oxera Consulting, UK
Autonomous Vehicles		**<u>Autonomous Vehicles</u>** **Session Chair: James Odeck, Norwegian Public Road Administration and Norwegian University of Science and Technology, NO** **Where will self-driving vehicles take us? scenarios for the development of automated vehicles with Sweden as a case study** A Pernestål Brenden, ITRL, KTH Royal Institute of Technology; I Kristoffersson, VTI Swedish Road and Transport Research Institute; L-G Mattsson, KTH Royal Institute of Technology, SE **Automated vehicles - an agenda for researching the social and behavioural impacts** T Cohen, UCL Centre for Transport Studies; S Omolade, Department for Transport, UK **Self-driving cars and city planning: expectations and policy implications** E Fraedrich, DLR Institute of Transport Research; D Heinrichs, TU Berlin; R Cyganski, DLR Institute of Transport Research, DE	
Planning for Sustainable Land Use and Transport	**<u>New Technologies</u>** **Session Chair: Wim Korver, Goudappel Coffeng. NL** **PING!** E Bossaert, Mobiel 21; A Hirzer, Bike Citizens,		**Dialogue session** **Thinking futures: how to embrace uncertainty in policy making?** D Snellen, D Hamers, PBL Netherlands

	Calling all Smombies and Pedtextrians A Garcia, R Fraser, AECOM, UK **Parking: Integrated transport policies and evolving strategies: managing demand and setting parking supply again!** H Ursell, G Tenekeci, Jacobs, UK		Environmental Assessment Agency, NL **Wicked planning problems and knowledge-gaps: creating knowledge for urban-transport planning through dialogue between research and practice** M K Rynning, University of Toulouse and Institut Nationale des Sciences Appliquées, FR; T Priya Uteng, Institute of Transport Economics, NO **Transition perspective and "green shift": highlighting the case of Oslo** T Priya Uteng, Institute of Transport Economics (TOI), Cyriac George, University of Oslo, NO
Rail Policy and Planning	**Session Chair:** **The Port of Piraeus: opportunity for railways in South East Europe?** A Bauranov, Urbanova, RS **Cost and environmental saving potentials of upstream buyer consolidation and downstream intermodal rail-based solution in the China-Europe containerized cargo flows** N Lin, Molde University College; H M Hjelle, Molde University College and Møreforsking Molde AS, NO; R Bergqvist, University of Gothenburg, SE	**<u>Dialogue session – presentation and interactive discussion</u>** **Session Chair:** **NGT CARGO - An Intelligent Rail Freight System for the Future** J Winter, D Krüger, G Malzacher, German Aerospace Center (DLR),, DE **Spatial impacts of autonomous vehicles compared to railways** R Möhring, N van Oort, Delft University of Technology, NL **Cost structures at seaport container terminals: a literature review paper** S Nduna, T Vanelslander, University of Antwerp, BE	
Local Public Transport	**<u>Light Rail</u>** **Session Chair: John Hawthorne, Independent Transport Consultant, UK** **The wider benefits of high quality public transport for cities** N van Oort, Goudappel Mobility Consultants; R van der Bijl, RVDB; F Verhoof, Goudappel Mobility Consultants, NL **The development and application of light rail integrated operational analysis with case studies from North America, UK and Australia**	**<u>Mobility as a Service</u>** **Session Chair:** **Why public transport is an essential part of Mobility as a Service** J Hawthorne, Independent Transport Consultant, UK **Contribution of an automated Metro Line to the dynamism of a modern city** M Pellot, Transports Metropolitans de Barcelona (TMB), ES **Challenges in forecasting older adults' use of mobility as a service: US perspective**	**<u>Visit to metro lines 9 and 10</u>**

	S Luke, Mott MacDonald, UK **Evaluating the impact of light-rail on urban gentrification: qualitative evidence from the N.E.T** E Dawes, Arup, UK	J Zmud, Texas A&M Transportation Institute, US **Demand oriented mobility solutions for rural areas using autonomous vehicles** M Von Mörner, Technische Universität Darmstadt, DE	
Freight and Logistics	**<u>Rail, Port and Air Freight</u>** **Session Chair: Verena Ehler, DLR, DE** **Is the (in)direct economic impact of rail freight transport in Belgium enough to put this sector on the right track, or will it be pulled of the rails?** F Troch, T Vanelslander, C Sys, University of Antwerp, BE **The future labour market in the port of Antwerp: development of different scenarios for 2027** A Esser, A Verhetsel, T Vanelslander, University of Antwerp, BE **Is there enough capacity?: stochastic analysis of the transition from full freighters to belly cargo of KLM** M M Mota, Aviation Academy, Amsterdam University of Applied Sciences; A El Makhloufi, Amsterdam University of Applied Sciences, NL	**<u>Freight Transport Policy</u>** **Session Chair: Vasco Reis, Instituto Superior Técnico, PT** **Mapping the information flows and assessing the vulnerability to transmission errors in intermodal transport chains** V Reis, P Macedo, Instituto Superior Técnico, Universidade de Lisboa, PT **Territorial challenges in EU freight transport policy** A Aparicio, Technical University Madrid (UPM), ES **Promoting colaboration in the Colombian transportation network: an heuristic for consolidation and cargo compensation** J D Suárez Moreno, A M Castañeda Velásquez, LOGYCA/INVESTIGACIÓN, CO **Analyzing innovations in Europe's rail freight system: a perspective from innovation theories on the barriers and the opportunity windows** S Mueller, G Liedtke, A Lobig, German Aerospace Center, DE	**<u>Ports and Terminals</u>** **Session Chair:** **Port capacity investment size and timing under uncertainty and congestion** M Balliauw, P Kort, H Meersman, C Smet, E Van de Voorde, T Vanelslander, University of Antwerp, BE **A novel optimisation model for short term storage of containers in empty container terminals** J Oliveira, R Oliveira, CERIS, CESUR, Instituto Superior Técnico, Universidade de Lisboa, PT **AGW for efficient freight transport in container yard: supply models and costs** D Gattuso, G C Cassone, Mediterranea University of Reggio Calabria, IT
Freight and Logistics			**<u>Discussion Session</u>** **The white van man is a blind spot in transport research** J Francke, KiM Netherlands Institute for Transport Policy Analysis; M Jacobs, Statistics Netherland (CBS); J Visser, Netherlands Institute for Transport Policy Analysis (KiM), NL **Risk assessment for critical logistical infrastructures - Status Quo and chances for improvement** S Düerkop, M Huth, HS Fulda - University of Applied Science, DE

			State-of-the-Art analysis: continuous pre-planning of required transportation capacity for the design of sustainable freight transportation networks G Brunnthaller, S Stein, W Sihn, Fraunhofer Austria, AT
Global Issues		**<u>Policy Making</u>** **Session Chair:** **Management by good intentions and best wishes - on sustainability, tourism and transport investment planning in Sweden** L Nerhagen, The Swedish National Road and Transport Research Institute (VTI), SE **The challenges in implementing international transport policy: the Netherlands as a case study** P Jittrapirom, Radboud University; M J Alonso-González, Technische Universiteit Delft; V Caiati, Technische Universiteit Eindhoven, NL	**<u>Trends and Scenarios</u>** **Session Chair:** **Societal trends influencing mobility and logistics, a comprehensive analysis** A L'Hostis, Université Paris-Est, LVMT, IFSTTAR, FR; I Keseru, Vrije Universiteit Brussel MOBI Research Centre, BE; B Müller, VDE-VDI, DE **What future for transport in Europe in 2030? Participatory evaluation of scenarios for transport in 2030 in the Mobility4EU project** I Keseru, C Macharis, T Coosemans, Vrije Universiteit Brussel MOBI Research Centre, BE **Nordic energy scenarios for the SHIFT Project: applying TIMES for transport policies recommendations** R Salvucci, K Karlsson, Technical University of Denmark , DK; T Priya Uteng, Institute of Transport Economics, NO
Transport Models Stream 1	**<u>Air Quality/Demand Modelling</u>** **Session Chair:** **Who will be affected by entry restrictions? assessment of low emission zones in Germany** J Brokate, M Klötzke, I Thiessen, German Aerospace Center (DLR), DE **Modelling the impacts of mobility on urban air quality and population health: Scenario analysis of the Barcelona Metropolitan Mobility Plan** C Conill, Area Metropolitana de Barcelona; J Marull López, M Pêrez Pêrez, IERMB, ES **Evaluation of scheme forecasting]** S Psarras, AECOM; R Martin, Highways England, UK		

Transport Models Stream 2	**Big Models** **Session Chair:** **The TRIMODE integrated model for Europe** D Fiorello, A Martino, TRT Trasporti E Territorio, IT; K Nökel, PTV Group, DE **Developing Ireland's regional modelling system - an overview** B Colleary, National Transport Authority, IE; D Siddle, Jacobs, P Hussey, Systra, UK **Enhancing purpose segmentation in operational transport models. The case of IMPACT, RATP's disaggregate model for Paris area** F Garcia Castello, RATP, FR **Methodology and application of a German National Passenger Transport Model for future transport scenarios** C Winkler, T Mocanu, DLR - Institute of Transport Research, DE	**Modelling Air Travel** **Session Chair:** **The UK aircraft fleet mix model** D Tathgur, Department for Transport, UK **Understanding airport choice through Big Data analysis** L Piccini, IRPET; D Fadda, ISTI-CNR, IT **The impact of queue formation on waiting time during the security screening process at airports** Md Naji, A Al Ani, University of Technology Sydney, AU **The analysis of impact of larger aircraft A-380 on frequency of flights** C Roucolle, I Laplace, ENAC; A Ussinova, TSE, FR	
Young Researchers' and Practitioners' Forum	**Multimodality and new mobility services: opinions and acceptance** **Session Chair:** **The importance of user-acceptance for the usage of multimodal mobility systems** M Günther, S Müller-Blumhagen, J F Krems, Chemnitz University of Technology, SE **New business models for emerging mobility services** M Gilibert, SEAT S.A; I Ribas, S Rodriguez-Donaire, Universitat Politècnica de Catalunya (UPC), ES	**Transport Networks between Routing, Traffic Flow and Build Environment - Perspectives from Different Modes and Scales** **Session Chair:** **Finding "White Spots" and optimising networks: evidence for using a gravity model with fixed effects from the aviation sector** S Cohen, Jacobs, UK; H Riddiough, Schiphol Airport Amsterdam, NL **Variable speed limits: application in Porto Inner Ring Motorway** A Goncalves, Jacobs; JTavares, Faculdade De Engenharia Da Universidade Do Porto (FEUP), PT **Visual surroundings at rural roads - how do they affect choice of speed?** B Gilhuus, E Olaussen Ryeng, J Sudkamp, NTNU - The Norwegian University of Science and Technology, NO	**Risks and Potentials of New Infrastructure and Technology** **Session Chair:** **Urban development at the neighbourhood scale as a strategy to promote sustainable mobility modes: Insights from planning and design practices** M K Rynning, Laboratoire de Recherches en Architecture, University of Toulouse and Institut Nationale des Sciences Appliquées de Toulouse, FR

		Sociospatial constructions of gendered urban cycling capabilities during adolescence D Sayagh, French Institute of Science and Technology for Transport, Development and Networks Planning; Mobilities and Environment Department; Economic and Social Dynamics of Transport Laboratory, FR	
Transport Models		**<u>Pedestrian Microsimulation</u>** **Session Chair:** **Redefining safe streets through a new child pedestrian exposure/demand model** N Ferenchak, University of Colorado Denver, US **Future-proofing our cities: pedestrian modelling trends** A Hunt, A Leeson, W Hayward, AECOM, UK **Modelling dual spaces - a major transport interchange and shopping mall** A Wessel, S Ghosh, E Ruxton, AECOM, UK **Applying microsimulation tools for emergency and evacuation planning within urban areas: a real case study** P Alvarez, Public University of Navarre (UPNA), ES; V Alonso, Imperial College London; A Wessel, AECOM, UK	