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<td>IoT-interoperability in ports and its impact on Transport services</td>
<td>P. Zimmerman, Fraunhofer Center for Maritime Logistics and Services, DE</td>
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<td>Transport network vulnerability and resilience in Western Balkans</td>
<td>M. Crouse, Wood, UK</td>
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<td>M. Dillon, L. Tabet, H. Brandisby, J. Jedaraski, Arup, UK</td>
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<td>T. Mocanu, S. Metzler, C. Winkler, DLR - Institute of Transport Research, DE</td>
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<td>The irreducibles: the causes of non-propensity shift to public mode in university commuting</td>
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<td>Welfare assessment of departure time shifts in interregional rail timetables</td>
<td>F. Vautard, C. Liu, O. Fröidh, KTH Royal Institute of Technology, SE</td>
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<td>The impact of reform and opportunities to boost railway development in the South East Europe region</td>
<td>M. Petrovic, University of Zagreb, HR; D. Macura, University of Belgrade, RS; D. Rajic, Rail Cluster of South East Europe, RS; A. Burrows, Birmingham Centre for Railway Research and Education, University of Birmingham, UK</td>
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<td>J. Beard, G. Scarani, H. Grounds, N. Luhr, Mott MacDonald, UK</td>
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<td>L. Gualta, L. Sciacchitano, MRC Mobility in Chain SrL; G. Avolio, TramTreno Varese committee, Labores 5a, IT</td>
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<td>Using multi-dimension Cost-Effectiveness Analysis to prioritize urban rail investment: framework and case study in Italy</td>
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<td>Better transport for everyone? the journey experience of visually impaired people on public transport in London</td>
<td>M. Cao, University of Westminster, UK</td>
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<td>HSE open routes</td>
<td>M. O’Sullivan, Jacobs, IE</td>
<td>New approach in transport related social exclusion: the case of rural Hungary</td>
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<td>Mobility experiences of blind and low vision road users in Monza</td>
<td>P. Perera, M. Ciceri, V. Merati, F. Bissien, Traffic Psychology Unit of Research UCSC, IT</td>
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<td>R. Zorzi, S. Fusco, S. Gisale, Z. Lovisa, Infrail Firenze S.r.l., IT</td>
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<td>The role of Twitter by private train operating companies to meet regulatory requirements and earn a social license to operate</td>
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<td>Rail catchment area analysis using mobile phone data: the Transport for the North case</td>
<td>R. Prince, P. Perrett, Citilogik Limited; R. Bradley, Transport for the North, UK</td>
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Transport Models

**MOODLING RAIL**

Integrated latest variable choice model to evaluate the joint effectiveness of the introduction of a new light rail line and an informative line.

F Piras, M Tevini, E Sottile, D Mezzetti, University of Cagliari, IT

Modelling the effect of different fares on the choice of rail service.

J Segal, Independent Consultant; J Bates, Independent Consultant, UK

Three case studies: a comparative approach to modelling demand with new ParkWay Stations.

H Kelly, J van de Mortel, E Waarden, M Twary, M Inman, Department for Transport, UK

**MOODLLING ACTIVE TRAVEL**

The interplay between the choices to cycle to work, for shopping and for leisure.

F Piras, G Tevini, E Sottile, M Mezzetti, University of Cagliari, IT

Promoting pedestrians first - modelling the pedestrianisation of Oxford Street.

M Little, WSP, UK

A relocation model for bike-sharing systems.

P Tesca, M Bruglieri, A Ceroni, F Rucitto, M Mezzetti, University of Cagliari, IT

**DATA**

**MODERN ANALYTICAL DATA**

Harnessing people movement data to shape future activity and people-centric designs: a case study of Salford Quays.

P O'Hare, Salford City Council; P Jackson, Tracsys, UK

Using sensor count data to study the spatio-temporal flows within a multimodal transport hub.

P de Naitt, E Côme, J Ferrières, RATP, FR

Stilling time series decomposition to increase the accuracy of short term forecasting.

S Bennett, University of Warwick, UK and Independent Consultant, UA; C Connaughton, K Kilari, University of Warwick, UK

The Mobility Spectrum: a data driven strategic transport model for the whole of The Netherlands (6832).

B Possel, Goudappel Coffeng; S De Graaf, L Benderoed, DAT.Mobility, NL

**DATA FUSION/INTEGRATION**

Fostering people-centered mobility planning within city administrations – a case study of the Berlin district Pankow.

J Gerlach, J-P Glock, C Kruse, S Hausjäger, TU Dresden, DE

Existing and future transport trends in Abu Dhabi: the role of intelligent travel data.

S Bennett, Independent Consultant; A Bin Eshaq, Department of Transport; S Al Hashmi, Abu Dhabi City Municipality, UAE

Data-driven road safety: developing a systematic framework for proactive and comprehensive road safety management.

A Dahl, I Luchmann, PTV, DE

Lessons learnt from an assessment of public transit data: case study of Konya, Turkey.

A A Kazemi, H Tuydes-Yaman, Middle East Technical University, Middle East Technical University, M Karou, G Chalhoub, A Freitas, Université Clermont Auvergne, FR

**MOBILE NETWORK DATA/SPS DATA**

Anonymizing GPS-tracked travel survey data.

E Hoffer Flaas, Y Karl Freyman, T Taran, Norwegian University of Science and Technology, NO

A novel location data intelligence framework fostering smart cycling inclusion and transport decarbonisation in small- to medium-sized European cities. Evidence-based findings from recent trials conducted in German and Italian cities.

G di Acciaro, G Cicarelli, NET Engineering S.p.A, BU Transport & Mobility, IT; C Colombi, Comune di Vicenza, Area servizi al territorio; E Spallanzani, NET Mobility, IT; C Muthmann, Cyface GmbH, DE

Weighting methods in smart travel surveys.

F S Hoom, G B A Swamee, A Biesemans, T Tan, Norwegian University of Science and Technology, NO

**URBAN SOLUTION**

Ex-ante assessment of last-mile urban freight delivery with autonomous palletized shuttle barges (PSBs).

P Shobay, E Van H, T van Eeckelaert, University of Antwerp, BE

Use cases of delivery drones in Germany.

A Reiffer, M Kagerbauer, P Vortisch, Karlsruhe Institute of Technology (KIT), DE

Interdisciplinary recommendations for operating micro depots.

D Hofmann, F Bergold, T Hagen, S Scheel-Koepenig, K-D Schoko, P K Schäfer, D Stolle, D Henning Wendt, Frankfurt University of Applied Sciences, DE

**FUTURE**

Future of freight: technology matters.

A Kaddoura, G Clarke, AECOM, UK and IE

Are "logistics families" resisting the crisis?

Confrontation of Burmeister’s typology with crisis situations experienced by logistics players.

N Joule, L Vaillant, Cerema Nord-Picardie, ESPRIT; C Blancquart, Université Gustave Eiffel, Villeneuve d’Ascq, FR

Small inland shipping in the Netherlands: operating below the radar?

D Hoogerwerf, J Franko, Netherlands Institute for Transport Policy Analysis (KIM), NL

**URBAN POLICY**

B2C E-commerce in the Metropolitan City of Milan: data, spatial distribution and policies.

S Saloriani, I Mariotti, Politecnico di Milano, IT

Assessing future urban logistics scenarios: case study of the city of Rome.

F Silvestri, University of Rome Tor Vergata; P Coppola, Politecnico di Milano, IT

A data-driven maturity model for the digital transformation of cities in urban freight transport.

T Otte, RWTH Aachen University; T Meisen, University of Wuppertal, DE

**CLIMATE CHANGE**

Evaluation of Sustainable Urban Mobility Plan capabilities for an uncertain future.

T Schönberger, University of Strathclyde, UK

Decomposing CO2 emissions from the transport sector: the case of Norway.

A Kikvoll Tveit, Institute of Transport Economics, NO

**VALUE OF TIME**

Route choice and the value of travel time savings: a natural experiment from a toll road.

E Tverter, Maudel University College, NO

Value of time evaluation of high speed railway users in Turkey.

G Dalkic-Melek, H Tuydes-Yaman, METU, TR

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Lowering speed limits: an example of ex ante evaluation with ex post insights.

S Derngue, Commissariat général au développement durable; M Meurier, LVMF, FR

Maximal external costs of road freight in the UK.

A Rabajal, C Sheehy, Jacobs; A Dabrowska, M L Domingues, E Ilici, W Wainwright, Atkins; F Worthy, Cines, UK

Reducing greenhouse gas emissions in toll roads: possible measures involving users, toll road operators and granter.

A Mastristriper, Jacobs, UK

New car taxation and its unintended environmental consequences.

A S Bergantino, M Intini, M Perucos, University of Bari, IT

**MOBILITY**

Exploring multimodal mobility patterns with big data in the city of Lisbon.

C Macedo, R Henriques, INESC-ID and Instituto Superior Técnico, University of Lisbon; E Arsenio, LNEC, Department of Transport, Lisbon, PT


Z Liu, C Pagonay, Grah; D Graham, Imperial College London, UK

Integrative analysis of public transport and situational context data for supporting urban mobility planning.

S Cerqueira, R Henriques, INESC-ID and Instituto Superior Técnico, University of Lisbon; E Arsenio, LNEC, Department of Transport, PT

**INTELLIGENT MANAGEMENT – HISTORY AND OPERATIONS**

C-ROADS

C-ITS: the C-roads evaluation approach.

T Studer, P Gandini, M Penti, G Marchionni, S Agrusti, Politecnico di Milano, IT

Evaluation methodology adopted within the activities of C-Roads Italy for truck platooning and highway chauffer.

L Studer, P Gandini, M Penti, G Marchionni, S Agrusti, Politecnico di Milano, IT

Evaluation of LTE-V2X mode 4 communications for C-ITS applications.

M Karou, G Chalhoub, A Freitas, Université Clermont Auvergne, FR

**YOUNG RESEARCHERS’ AND PRACTITIONERS’ FORUM**

**DATA**

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