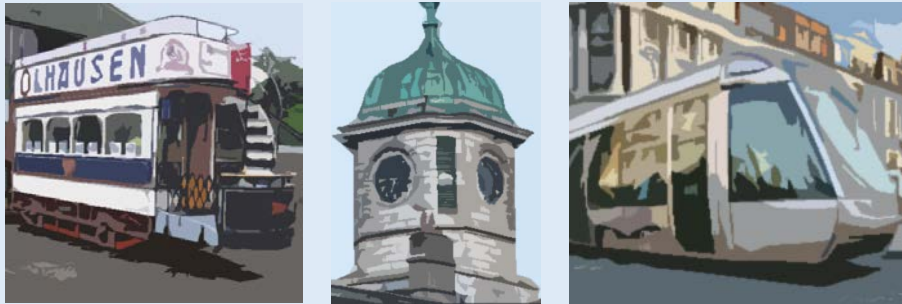


2016 Conference of the Irish Transport Research Network



TRANSPORT POLICIES FOR THE FUTURE – LEARNING FROM THE PAST



Advance Conference Schedule

DIT Grangegorman
1st – 2nd September 2016



Sponsored by the National Transport Authority

WEDNESDAY 31ST AUGUST 2016

Public Transport Network Design Workshop

A workshop in Public Transport Network Design is taking place in advance of the 2016 Conference of the Irish Transport Research Network.

The Workshop will take place at DIT Grangegorman on **Wednesday 31st August 2016 from 10am – 5pm.**

Separate registration is required and limited places are available for this workshop which has received international acclaim and attention.



"The course is ideal for people who interact with transit planning in their work but don't necessarily do it themselves — including land use planners, urban designers, developers, traffic engineers, sustainability advocates, transit employees of all kinds, and people who work on transportation or urban policy generally. Past offerings of the course — across the US, Canada, and Australia — have included everyone from transit operations staff to elected officials, as well as planners and 'urbanism' or 'sustainability' advocates. Issues covered include network design, frequency, right-of-way, basic operations costing, and interactions with urban form". © www.jarrettwalker.com, 2016

The workshop will be conducted by eminent international expert, Jarrett Walker. Jarrett Walker is author of *Human Transit - How Clearer Thinking about Public Transit Can Enrich Our Communities and Our Lives* and consults internationally in public transport network design. Jarrett blogs at www.humantransit.org.

For info about "Transit Network Design": <http://jarrettwalker.com/courses/>

For general inquiries about the workshop, email: ITRN2016@dit.ie

To register for the workshop: <http://itrn2016.eventbrite.com>

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OPENING PLENARY AND KEYNOTE SESSION

ST LAURENCE, GRANGEGORMAN

THURSDAY 1ST SEPTEMBER 2016

- 09.00 CONFERENCE REGISTRATION AND TEA / COFFEE / REFRESHMENTS
- 9.30 – 09.45 Welcome and Introduction
Welcome addresses and conference launch by **Professor Brian Norton, President of Dublin Institute of Technology**
- 09.45 – 10.30 Keynote address: *Future Strategic Directions for Transport in Dublin*, **Anne Graham, CEO, National Transport Authority**
- 10.30 COFFEE BREAK
- 11.00 – 12.00 Keynote address: *Understanding the Language of Transit*, **Jarrett Walker, Jarrett Walker & Associates, Portland, USA**
- 12.00 – 12.30 *Smarter Travel and the Grangegorman Campus*, **Terry Prendergast, Grangegorman Development Agency Campus Planning and Elaine Brick, Associate Director, Transportation, Aecom**
- 12.30 WALKING TOUR OF GRANGEGORMAN CAMPUS / CARGO-BIKE DEMONSTRATIONS / LUNCH
- 14.00 – 15.30 *Parallel Sessions A & B [St Laurence / Rathdown House]*
- 15.45 – 17.15 *Parallel Sessions C & D [St Laurence / Rathdown House]*
- 17.15 ITRN AGM [*Rathdown House*]
- 19.30 Reception and best paper prize followed by dinner on board the **M.V. Cill Airne, Dublin Docklands**

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THEMATIC PLENARY AND KEYNOTE SESSION

ST LAURENCE, GRANGEGORMAN

FRIDAY 2ND SEPTEMBER, 2016

- 9.15 – 10.15 *1916 – 2016: A History of Transport in Ireland*, **John Kelleher, Honorary Chairman of the National Transport Museum**
- 10.15 COFFEE BREAK
- 10.30 – 11.15 *Trajectories of Mobility in European Cities*, **Professor James Wickham, formerly Jean Monnet Professor of European Labour Market Studies and Emeritus Professor in Sociology at Trinity College Dublin**
- 11.30 – 13.00 *Parallel Sessions E & F [St Laurence / Rathdown House]*
- 13.00 LUNCH / PV CHARGING AND CARGO-BIKE DEMONSTRATIONS
- 14.00 – 14.20 *Horizon 2020 research update*, **Dr. Bob Flynn, Enterprise Ireland National Delegate & Contact Point for Smart, Green and Integrated Transport**
- 14.30 – 16.00 *Parallel Sessions G & H & I [St Laurence / Rathdown House]*
- 16.10 – 17.00 Panel Discussion: *Transport Policies for the Future – Learning from the Past*
- Panelists:* **Anne Graham, CEO of the National Transport Authority.**
- Brendan Finn, consultant on urban passenger transport institutional and regulatory frameworks and member of the Thredbo Scientific Committee.**
- Jarrett Walker, author of Human Transit - How Clearer Thinking about Public Transit Can Enrich Our Communities and Our Lives and consults internationally in public transport network design.**
- Professor James Wickham, former Jean Monnet Professor of European Labour Market Studies and Professor Emeritus in Sociology at TCD. Author of Gridlock: Dublin's Transport Crisis and the Future of the City.**
- 17.00 CONFERENCE CLOSE

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Thursday 14.00 - 15.30	
Parallel Session A – St Laurence: Active Travel & Health	Parallel Session B – RD005: Traffic Modelling
Using Workplace/ Campus Travel Plan Programmes to Change Transport Behaviour, Arlene Finn / Sharon Daly, National Transport Authority	New Regional Modelling System for Ireland, Barry Colleary, National Transport Authority
Using Physical Activity Challenges to Increase Sustainable Commuting, Sinead Flavin / Siobhan Hamilton, National Transport Authority	Optimal Merge Layout Arrangements for the M50: A Microsimulation Modelling Approach, Liam O'Brien, AECOM
Promoting Cycling and Health in a Disadvantaged Area of North East Dublin City, Dr. Matthias Borscheid, Northside Partnership	Modelling Trip-making in Ireland – who, how often and why? David Connolly, Director of Innovation, Systra
A mixed-method analysis of the Galway Bike Share Scheme: Results of a user survey and stakeholder interviews, Richard Manton, NUI Galway	Understanding the vulnerability of traffic networks by means of structured expert judgment elicitation, Maria Nogal, Trinity College Dublin

Thursday 15.45 – 17.15	
Parallel Session C – St Laurence: Smarter Travel	Parallel Session D – RD005: Road Safety Analysis
Key Results from the Interim Evaluation of the Smarter Travel Areas Programme, Catherine Swift, AECOM	Weather Conditions and Road Accidents in Ireland, William Brazil, Trinity College Dublin
Results of Smarter Travel Investment in the University of Limerick, Higgins Ross, University of Limerick	Analysis of traffic crashes in Oman, Ahlam Al Anbouri, Dublin Institute of Technology
The effectiveness of Smarter Travel initiatives in the South-East: an evaluation of a quasi-experimental natural experiment, Barry Lambe, Waterford Institute of Technology	An evaluation of the safety of cycling in Dublin City for DIT students, Niamh O Reilly, Dublin Institute of Technology
Flexible & accessible integration – the experience of Clare Accessible Transport/Clare Bus, Graham Lightfoot, Clare Accessible Transport	A Framework for Spatial Road Safety Assessment: Case Study of Northern Ireland, Aimee Farrell & Salissou Moutari, QUB

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Friday 11.30 - 13.00	
Parallel Session E – St Laurence: Planning and Travel Behaviour	Parallel Session F – RD005: Transport & Energy
Exploring determinants of mode choice for non-work travel in the Greater Dublin Region, Sheila Convery, University College Dublin	Feasibility of Utilising Compressed Natural Gas as part of a Systematic Approach to Establishing the Necessary Groundwork for a Hydrogen Based Economy, James Brunton, DIT
Exploring the influence of housing characteristics and socio-demographics on subjective night-time disturbance from transportation noise, Owen Douglas, UCD	Hydrogen Powered Vehicles, David Connolly, Dundalk Institute of Technology
Car Shedding in Dublin, Paraic Carroll, Trinity College Dublin	A hydrogen fueling infrastructure for Ireland, Declan Allen, Dublin Institute of Technology
Attitudes of Councillors and Engineers to Speed Limits in Built-Up Areas, Catherine Swift, Graduate, University of West England	Energy Management of Photovoltaic Charging Station (PV-CS) for Green University Campus Transportation, Ayda Esfandiyari, DIT

Friday 14.30 - 16.00		
Session G – St Laurence: Transport Investment	Session H – RD005: Smarter Cities	Session I – RD006: Logistics & Operations
Emerging issues and practice in urban passenger transport in Indian cities, Brendan Finn, ETTS Ltd.	Using smarter technologies to improve the transport planning process in Galway City, Richard Manton, NUI Galway	Analysis of Route Choice Determinants: an application for Irish Shipments to Continental Europe, Amaya Vega, NUI Galway
Addressing the Rural Accessibility Problem in Wales, Owen Clark, University of South Wales	Seeing the Hazard: the use of eye-tracking to assess cyclists' ability to identify hazards. William Brazil, Trinity College Dublin	Development of a global freight transport demand tool, Eamonn Mulholland, Energy Policy and Modelling Group, UCC
The Political Economy of Funding Transport Infrastructure in Ireland: Berlin or Boston? Joseph Hiney, Misneach Consulting	The Feasibility of Introducing a New High Occupancy Tolling Strategy on the M50, Cameron McBain, Trinity College Dublin	A typology of multidirectional and multifaceted service led strategies of UK ports and intermediaries, Nikolaos Valantasis Kanellos, DIT
The Economic Benefits of Sustainable Transport Actions, Eileen O'Connell, Interactions Ltd	A comparison of Local Authority parking standards to real world parking accumulation demand from a retail perspective, Ronan Kearns, Pinnacle Engineers	Cost efficient and timely responses to individual disaster within the context of the Disaster Management Cycle, Sheila Fogarty, DIT

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