

Irish Transportation Research Network 5th Annual Conference

3-5th September 2014

Department of Civil Engineering and Materials Science – University of Limerick

3rd September – Cycling workshop

A cycling workshop will take place in advance of the ITRN conference to showcase recent developments in Limerick and to explore the roles of cycle infrastructure and other interventions in encouraging cycling. It will also consider how we can better understand cycling.

Schedule

Registration and Coffee:	10:30
Session 1: Design and success of cycle networks – Robert Parkinson: National Transport Authority	11:00
Lunch and site visit to Limerick Smarter Travel cycle route	12:00
Session 2: Evaluating and measuring success of cycle networks – Aoife O’Grady: Department of Transport, Tourism and Sport	14:00
Coffee Break	15:00
Session 3: Using and collecting cycling data – Brian Caulfield: Trinity College Dublin	15:15
Round Table discussion	16:00
Close	17:00

4th September – Day one of ITRN

Conference Registration: 09:00 – 9:30

Welcome Speeches: 09:30 – 10:00

Keynote speaker: 10:00 – 11:00

Prof Peter White: Univeristy of Westminster “Competition between rail and express coach in Western Europe, in the light of motorway development”.

Coffee Break: 11:00 – 11:30

Session One:

11:30 – 13:00

Public Transport	Smarter Travel
Chair – Brian Caulfield	Chair – Tom Cosgrove
Twitter get me out of here - Leveraging social networks to provide real time information on public transport services Keith O'Faolain - IT Tralee	Achieving peak travel demand reduction through a Travel Behaviour programme: Singapore example Sarah Moraillon & Elaine Brick - AECOM
Stillorgan QBC Dwell Time Analysis David O'Connor & Philip Kavanagh - DIT	Designing for sustainable transport on campuses: a study of the effects of infrastructural improvements on travel patterns at NUI Galway and other institutions Eoghan Clifford, Michael Fleming & Richard Manton – NUIG
The seamless public transport journey: instrumental and affective Iqbal Hamiduddin & Robin Hickman - University College London	Demonstrating Localised Workplace Travel Planning in Limerick City Kay Cullinane & Tom Cosgrove - UL
Stillorgan QBC Walking Catchment and Level of Service Analysis David O'Connor & Philip Kavanagh - DIT	Using Partial Least Squares Structural Equation Modelling to assess the influence of urban form on travel behavior Urbi Banerjee, Julian Hine and Lisa Davison - UU

Lunch:

13:00 – 14:00

Session Two:

14:00 – 15:30

Road Safety	Planning
Chair - Salissou Moutari	Chair – Aoife Ahern
Examining Physical Parameters in Pre Crash Conditions of Fatal Motorcyclist Accidents Peter Murphy - UL	The green fields of Ireland: The legacy of Dublin's housing boom and the impact on commuting Brian Caulfield & Aoife Ahern - TCD/UCD
The Use of Event Data Recorder (EDR) Technology for Forensic Road Traffic Accident Analysis James Long - DIT	Is Residential Self-Selection a Significant Determinant of Modal Choice? Evidence from the Greater Dublin Area John Humphreys & Aoife Ahern - UCD
Pattern recognition approach for road collision hotspots identification Bronagh Coll, Salissou Moutari & Adele Marshall - QUB	Non-work travel behaviour in the Greater Dublin Region: accessibility for non-work activities. Sheila Convery & Brendan Williams - UCD
	When the Oil Runs Out: A sustainable Transport Solution for Ireland Alex Lake - DIT

Coffee Break:

15:30 – 16:00

ITRN AGM:

15:30 – 16:00

Session Three:

16:00 – 17:30

Cycling	Evaluation
Chair – Ross Higgins	Chair – Lisa Davison
Increasing the Participation in Cycling - Case Study of the Grand Canal Premium Route Eoin O'Mahony, Joe Seymour & Matthew Richardson - AECOM/TCD	Design-Driven Innovation: Sustainable Transport Opportunities for the Inland Waterways of Ireland Peter Murphy & Sean McCartan - UL
Estimating the health economic benefits of cycling Gerard Deenihan & Brian Caulfield - TCD	Measuring the driving behaviour of fleet drivers in Saudi Arabia Moataz Mahmoud & Abdel Hamed Assiut University
A Naturalistic and Physically Informed Cyclist Study Peter Murphy & Ross Higgins - UL	Policy performance and Irish ports Joseph Hiney - Dublin City University
Northside Partnership “Healthy Communities” Area Cycle Audit David O'Connor & Matthias Borsheid, Odran Reid - DIT	

Evening event

5th September – Day two of ITRN

Session Four: 09:30 – 11:00

Planning	Evaluation
Chair – Julian Hine	Chair – Roisin Murray
Equity in Transport Planning: The Case of Dublin, Ireland Sarah Rock and Aoife Ahern - UCD	ENTERING THE AGE OF THE CONNECTED VEHICLE: A NEW DAWN IN AUTOMOTIVE DIAGNOSTIC AND TELEMATIC SOLUTIONS James Long - DIT
Does it pay to work from home? Examining the factors influencing working from home in the Greater Dublin Area Brian Caulfield - TCD	A critical review of the method used for the assessment of traffic noise impact for major road schemes in Ireland Diarmuid Keaney - ICAN Acoustics (Noise and Vibration Consultancy)
Attitudes to University Choice and the Influence upon Infrequent and Routine Mobility Lisa Davison, Aoife Ahern & Julian Hine - UU/UCD	Event Data Recorder as a forensic tool David Connolly - DIT
RAIN - Risk Analysis of Infrastructure Networks in response to extreme weather Alan O'Connor, Brian Caulfield, Craig Morton, Maria Noyal - TCD	Northside Partnership "Healthy Communities" Area Public Transport and Level of Service Analysis David O'Connor & Matthias Borsheid, Odran Reid - DIT

Coffee Break: 11:00-11:30

Session Five:

11:30 – 13:00

Energy and Environment	Smarter Travel
Chair – Craig Morton	Chair – Bidisha Ghosh
Electric Bike Photovoltaic Charging Station (PV_CS) Electrical Fault Investigations Ayda Esfandyari & Kevin O'Farrell - DIT	Transit-oriented mixed communities: lessons and experiences from international case studies in Germany and Spain Marco Adelfio and Iqbal Hamiduddin - Universidad Autónoma de Madrid (Autonomous University of Madrid)
Traction Battery Technology Alex Lake - DIT	Transport, Climate Change and Governmentality Robin Hickman – University College London
Energy Estimation in Eco- and Safe Driving Peter Murphy – UL	Roundabout replacement and consequences for traffic flow: a case-study of Galway City Eoghan Clifford, Rowan Hynes & Richard Manton – NUIG
A Wind Driven Vessel for Inland Waterway Use Peter Murphy – UL	Developing a Bicycle Culture at the University of Limerick Ross Higgins & Sean Collins - UL

Lunch and plenary session: 13:00 – 14:00