
Irish Transport Research Network (ITRN) Annual Conference 2026

Theme: *Sustainable Transport Futures*

Dates: May 27th & 28th, 2026

Venue: IT3 Lecture Theatre, Library Building, Bishopstown, Munster Technological University, Cork



Draft Conference Programme (subject to change)

Day 1: Wednesday, May 27th

Time	ITRN Opening IT3 Lecture Theatre
9:30-10:30	Registration (IT3 Lecture Theatre)
10:30-11:00	Welcome and Opening Remarks (IT3 Lecture Theatre) Dr. Beatriz Martinez-Pastor (ITRN Chair); Dr. Cemal Ozturk (Conference Chair) Video Message President of MTU, Prof. Maggie Cusack Jerry Buttimer, Minister of State at the Department of Transport and at the Department of Rural and Community Development and the Gaeltacht

11:00-12:30	<p>Keynote Address 1 (IT3 Lecture Theatre)) Dr Iris Cagatay, University of Liverpool Title: Maritime and port decarbonisation and data analytics: Insights from academic and industrial projects</p> <p>Keynote Address 2 (IT3 Lecture Theatre)) Fergus Meehan, Transport Infrastructure Ireland (TII) Title: Luas Cork</p>	
12:30-13:30	Lunch Break	
	Track A	Track B
13:30-15:00	<p>Session 1A: Public Transport & Accessibility (LRC 0.14) Chaired: Brain Caulfield</p>	<p>Session 1B: Freight & Logistics (LRC 0.17) Chaired: Amaya Vega</p>
	<p><i>Planning Inclusive Mobility Transitions under Uncertainty: Evidence from a Small-Town Public Transport Intervention in Ireland – Abhilash Singh, Dean Phelan, Maryb O'Leary, Madeleine Gan, Rachel McArdle, Zikang Ji, Brian Caulfield and Niamh Moore-Cherry</i></p>	<p><i>Sustainability and Road Freight Transport in Ireland – What are the challenges and opportunities in achieving sustainability in the Irish Road Freight Transport? – Brian Coughlan</i></p>
	<p><i>Modelling Public Transport Service Outrages – William Brazil</i></p>	<p><i>From Hierarchy to Practice: How Freight Firms Apply the Avoid–Shift–Improve Framework in Ireland – Saima Karim, Amaya Vega, Brian McCann and Trevor Cadden</i></p>
	<p><i>Assessing Bus Stop Environments through a Street View Imagery-Based CPTED Index: Evidence from Dublin – Apoorv Agrawal, Francesco Pilla and Anna Mølter</i></p>	<p><i>Effective Distance Under Institutional Disruption: Freight Corridor Responses to Brexit and Border Policy Change - Chethaka Gamage, Amaya Vega, Brian McCann, Trevor Cadden</i></p>
	<p><i>Cascading Failure Vulnerability of Urban Rail Transit Networks: An Improved Coupled Map Lattice Approach with Dynamic Management Interventions – Zhixiang Gao and Beatriz Martinez-Pastor</i></p>	<p><i>Incentives and efficiency in road freight transport with evidence from empty running – Kithmini Gamage, Amaya Vega, Trevor Clohessy and Bidisha Ghosh</i></p>

		<i>A Systematic Literature Review: The Logistics–Economy–Environment Nexus</i> – Tianya Yuan
15:00-15:30	Coffee Break	
	Track A	Track B
15:30-17:00	Session 2A: Active Travel & Public Realm (LRC 0.14) Chaired: James Green	Session 2B: Policy, Appraisal & Economics (LRC 0.17) Chaired: Beatriz Marteniz-Pastor
	<i>What Shapes Urban Cycling Speed? Rider, Trip, and Environmental Factors Matter</i> – Abhilash Singh, Khashayar Kazemzadeh, Sacha Hlinka, Ahmadreza Fahigh-Imani and Audrey de Nazelle	<i>The influence of macroeconomic factors on international and Irish transport project outcomes.</i> – Matthew Wood
	<i>Modelling Idealized Cycling Uptake in Cork</i> – William Brazil, Karen Whitaker, Barry Colleary, Robert Egan, Abhilash Chandra Singh, Vishwajeet Kishore Verma and Brian Caulfield	<i>A Difference-in-Differences Analysis of the Impact of Luas Cross City on House Prices in North Dublin City</i> – Colm Bellew
	<i>CREDA: Cyclist and Road Environment Data Analytics</i> – Sonia Soubam and Anna Molter	<i>Well-being in Transport Appraisal</i> – Rory Duggan and Yeonjung Song
	<i>Perspectives on Active Travel Infrastructure: Insights from a Public Consultation in Ireland</i> – Muhammad Huzaifa Butt and Ross Higgins	<i>Sensitivity Analysis Methods for Multiple Criteria Analysis within the Transport Appraisal Framework</i> – Richard O'Shea and Conor Lenihan
	<i>Understanding and Overcoming Barriers to Implementing Pedestrianisation</i> – Hugh Carrigan	<i>Sustainable transport in Ireland: a case study of “drift” and “shift”</i> – Sadhbh O' Neill
17:00-18:00	ITRN Committee Meeting (LRC 0.12)	

19:00	Conference Dinner Location: Thompsons Restaurant & Microbrewery. Unit D, Thompson House, MacCurtain Street, Victorian Quarter, Cork, T23 RR0C
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Day 2: Thursday, May 28th

Time	Track A	Track B
9:00-10:30	Session 3A: E-Mobility & Energy Transition (LRC 0.14) Chaired: David Wall	Session 3B: Road Safety, Infrastructure & Asset Management (LRC 0.17) Chaired: Brian McCann
	<i>Affluence, Spatial Spillovers, and Inequality in Household Energy Transitions: Exploring the Determinants of Sustainable Technology Adoption in Ireland – Abhilash Singh and Brian Caulfield</i>	<i>Real-time Safety Related Traffic Information and how Road Authorities can benefit from it. – Niall Chamberlain and Ken Russell</i>
	<i>Personalised Cost and Carbon Savings as a Behavioural Nudge for Electric Vehicle Adoption in Ireland – Peter Lennon, Abhilash Singh and Brian Caulfield</i>	<i>RetreadLab - Completing the loop on circular tyre reuse – Niall O'Leary, Jack McCarthy, Colum Gibson, Safaa Al Tameemi and Adam Boland</i>
	<i>Spatial Suitability Analysis for EV Charging Infrastructure Planning – Maryam Roudneshin, Aisling Reynolds and Nadiya Saba</i>	<i>Towards Automated Material Identification in Pavement Core Logs Using Computer Vision and Deep Learning – Ibrahim Hassan Syed, David Power, Kelan Rafferty and Kieran Feighan</i>
	<i>EV-StructSim: A predictive Framework for Structural Load Stress and Resilience Corridor Design in Ireland's Electric Mobility Transition – Melusi Ncube and Upaka Rathnayake</i>	<i>Automated Road Marking Detection and Quality Assessment Through AI: A Study on Network-Level Condition Reporting – Viraj Aher, Syed Ibrahim Hassan, David Power and Kieran Feighan</i>

Time	Track A	Track B
	<i>Identifying effective Gamified Interventions to increase eBike uptake in the Workplace region</i> – Vishwajeet Verma, Nasim Eslamirad, Brian Caulfield and Francesco Pilla	
10:30-11:00	Coffee Break	
11:00-12:30	Session 4A: Resilience, Emissions & Networks (LRC 0.14) Chaired: Bidisha Ghosh	Session 4B: Travel Behaviour, Health & Interventions (LRC 0.17) Chaired: TBC
	<i>Dynamic and Stochastic Assisted Evacuation Routing for Floods</i> – Weiwei Sun and Istenc Tarhan	<i>Exploring the relationship between active travel and public health in Ireland.</i> – Christopher Quigley and Brian McCann
	<i>The Impacts of Electrifying Ferries for Island Communities</i> – Pierce McNulty, Nathan Gray, David Wall and Jerry Murphy	<i>Beyond Scheduling: University Timetabling as a Sustainable Transport Intervention</i> – Cemalettin Ozturk, Diarmuid Grimes and Ignacio Castineiras
	<i>Estimation of Real-World Emissions of Autonomous Vehicles</i> – Ranganatha Belagumba Ramachandra and Bidisha Ghosh	<i>Is ebiking exercise or cheating? Can ebikes be promoted as healthier than scooters?</i> – James Green, Anna Barrero, Louise Foley, Aoife O'Shea and Megan Fraser
	<i>Well-to-wake greenhouse gas assessment of synthetic e-fuels for maritime decarbonisation in 2050</i> – Asif Tanvir Bhuiya, Richard O'Shea, David M. Wall and Jerry D. Murphy	<i>The School Commute and Irish Weather - Observational Analysis of Morning Walking, Cycling and Rainfall in Midleton,</i> – James Rigney
	<i>Road freight patterns and light commercial vehicle electrification readiness: Spatial evidence from Ireland's polycentric subcentres</i> – Nadiya Saba, Aisling J. Reynolds-Feighan, Lisa Ryan and Maryam Roudneshin	

Time	Track A	Track B
12:30- 13:30	Lunch Break	
13:30- 14:30	Closing Plenary – Sustainable Transport Futures LRC 0.14 Chaired: Dr. Beatriz Martinez-Pastor Panel: TBC	