

UCD Transport Research Symposium, 12th December, Museum of Irish Literature (MoLI)

SYMPOSIUM PROGRAMME

09:30 – 09:35	Welcome Address		
	Professor Aoife Ahern, UCD Dean of Engineering, College of Engineering and Architecture, Co-Lead of TREA		
09:35 – 10:00	Keynote Speaker		
	Kyle Moore, Assistant Principal Officer, Department of Transport		
	'Sustainable Mobility Policy Research Network'		
	Session 1: Active Modes & Micromobility		
	Chair: Dr. Páraic Carroll		
10:00 – 10:40	User characteristics and preferences for first- and last-mile trips in Dublin (<i>Giulia Oeschger</i>)		
	The Bike Library Project: A Novel Approach to Encouraging Active School Transportation (<i>Francesco Pilla</i>)		
	Sustainable and Healthy InFrastructure by reducing stress during active travel (SHIFT) (<i>Anna Mölter</i>)		
	Dublin by Deliveroo (<i>Jeremy Auerbach</i>)		
10:40 – 11:10	Tea & Coffee Break		
	Session 2: Energy & Emissions		
	Chair: Associate Prof. Paula Carroll		
11:10 – 11:50	Uptake of electric vehicles and emissions implications in Ireland under a range of policy scenarios (<i>Joe Wheatley</i>)		
	Public Charging Demand Estimation Based on Geospatial Information: A Case Study of Dublin, Ireland (<i>Qihui Li</i>)		
	Roadside emissions in Dublin - monitoring and projections (REDMAP) (<i>Will Smith</i>)		
	Electrification of commercial vehicles & Transition to Commercial Vehicle Electrification Policy (<i>Nadiya Saba & Yogesh Bansal</i>)		
	Lightning Presentations		
11:50 – 12:30	Examining the role played by time of travel on surface access mode choice: A Case Study at Dublin Airport (<i>Brian Condron</i>)	Resilience of US Airline Schedule Planning Processes (<i>Aisling Reynolds-Feighan</i>)	Points of Interest (POIs) From Street-level Imagery: A Dataset for Evaluating Transportation System Around POIs In Cities (<i>Negin Zarbakhsh</i>)
	Optimization models for charging station location problems (<i>Jingyu Xiang</i>)	Increasing acceptability of travel demand management measures (<i>Maev Nic Lochlainn</i>)	BikeHood: Creating Ireland's First Cycling Neighborhood (<i>Pavlos Tafidis</i>)
	The use of multimodality measurements as a stage	Serious Game Design for Resilience	Residential and transport energy poverty and the

	assignment tool when using transtheoretical modal in travel behavior research (<i>Umesh Lowe</i>)	Enhancement of Transportation Infrastructure to Cyber Threats and/or Flood Hazards (<i>Meisam Gordan</i>)	education outcomes of young people in Ireland (<i>Orla Dingley</i>)
	Algorithms for electric vehicle routing (<i>Clíodhna Ní Shé</i>)	Aircraft noise and academic achievement: Evidence from the United States (<i>Philip Carthy</i>)	Spatio-temporal Analysis of Speed Limit Exceedances in Dublin Using Low-cost Sensors and Citizen Science (<i>Anna Mölter</i>)
	Assessing the skid resistance of Irish road surfaces (<i>Ciaran McNally</i>)		
12:30 – 13:30	Lunch		
	Session 3: Smart and Future Mobility		
	Chair: Dr. Pavlos Tafidis		
13:30 – 14:10	Autonomous Agents for Connected and Cooperative Automated Mobility (<i>Saeedeh Ghanadbashi</i>)		
	Automated adaptive variable speed limit controller: Proposing an intelligent agent to optimize speed limits in a traffic network in real-time (<i>Amirreza Kandiri</i>)		
	Mobile Sensing for Bridge Condition Assessment: A Case Study in European Joint Research Centre (<i>Robert Corbally</i>)		
	Automated and Rapid Fault Diagnosis of Railway Tracks using In-service Train Measurements (<i>Ramin Ghiasi</i>)		
14:10 – 15:00	Panel Session		
	Moderator: Prof. Aisling Reynolds-Feighan		
	Panelists		
	Prof. Francesco Pilla, University College Dublin Barry Colleary, Head of Transport Modelling, National Transport Authority Kieran Feighan, Managing Director, PMS Pavement Management Services		
15:00 – 15:05	Closing Address		
	Assistant Professor Páraic Carroll, UCD School of Civil Engineering, Lead of TREA		