



**Day 1 - Monday 4th December, 2023**

<b>Plenary Session: PROGRESS TOWARDS DECARBONIZATION OF ROAD FREIGHT IN THE LAST DECADE</b>			
Room 1: Constance Tipper Lecture Theatre			
Session Chair: Prof Alan McKinnon			
Zoom Host: Prof Xiaoxiang Na; Meeting ID: 864 9647 4625; Passcode: 780390; Link: <a href="#">Click Here</a>			
08:30	Welcome		
08:45	Keynote speaker 1: <b>Angie Farrag-Thibault</b> , Associate Vice President Global Transport at Environmental Defense Fund		
08:55	Keynote speaker 2: <b>Maja Piecyk</b> , Professor Emeritus at University of Westminster		
09:15	Keynote speaker 3: <b>Fernando Liesa</b> , Secretary General at ALICE		
09:45	Speaker Panel Discussion, Session Chair: Alan McKinnon		
10:15	Refreshments		
10:30	<b>Parallel Tracks</b>		
	<b>Parallel Session 1: GHG EMISSIONS STANDARDS AND NON-FUEL EMISSIONS</b>	<b>Parallel Session 2: GREEN LOGISTICS POLICIES: PUBLIC &amp; PRIVATE PERSPECTIVES</b>	
	Room 1: Constance Tipper Lecture Theatre	Room 2: Lecture Theatre 6	
	Session Chair: Prof Lori Tavasszy	Session Chair: Prof Yongyi Shou	
	Zoom Host: Chen Liu	Zoom Host: Parth Deshpande	
	Zoom Meeting ID: 864 9647 4625; Passcode: 780390; Link: <a href="#">Click Here</a>	Zoom Meeting ID: 665 239 5659; Passcode: 753648; Link: <a href="#">Click Here</a>	
10:30	Lasse Ladewig, W. Kersten; The role of emission data sharing for decarbonizing road freight transport	Link to abstract	Adwait Limaye, M. Francis Edena , S. Gotab , C. Huizengab, Unpacking the policy landscape to assess the status of road freight decarbonisation
10:50	Lori Tavasszy, R.H.H. Siepman , R. van Zwieteren , M.W. Ludema , A. van Binsbergen, Assessing uncertainties in carbon footprint measurement	Link to abstract	Chang Wu, Y. Shou, K. Li, Investigating the green practices of Chinese logistics service providers: a socio-technical system perspective
11:10	Martin du Plessis, A review and evaluation of emission intensity factors for road freight transport	Link to abstract	Mark Gjerek, D. Coleman, Green stars for trucks – the missing piece in the freight decarbonisation puzzle?
11:30	Ralph Anthes, Emission calculation of road freight transports based on an energy-based bottom-up approach	Link to abstract	Mikael Kervall, H. Palsson, Cities' transition governance practices for sustainable urban freight systems
11:50	Molly Haugen, D. O' Loughlin, M. MacFarlane, A. Boies, Analysing nanoparticle emissions from tyre wear during normal and severe drive cycles: size, morphology and composition	Link to abstract	Santosh Salunkhe, R. Michaelides, Z. Michaelides, Decarbonising supply chain: Case of UK based food supply SME
12:10	Lunch		
13:10	<b>Panel discussion 1: Sustainable road freight: Industrial perspectives on progress in the last decade and plans for the next 10 years</b>		
	Room 1: Constance Tipper Lecture Theatre		
	Session Organiser: Logistics UK		
	Panellists: Per Olof Arnäs, Einride; John Comer, Volvo; Justin Laney, John Lewis Partnership; Graham Usher, Hultsteins		
	Zoom Host: Chen Liu; Zoom Meeting ID: 864 9647 4625; Zoom Passcode: 780390; Zoom Link: <a href="#">Click Here</a>		
14:10	<b>Breakout Session 1: Lessons learnt from the last decade of sustainable freight research and practice</b>		
	Room 1: Constance Tipper Lecture Theatre		
	Session Chair: Prof Maja Piecyk		
	Zoom Host: Chen Liu; Zoom Meeting ID: 864 9647 4625; Zoom Passcode: 780390; Zoom Link: <a href="#">Click Here</a>		
15:20	Refreshments		
15:30	<b>Parallel Tracks</b>		
	<b>Parallel Session 3: TOWARDS GREEN AND RESILIENT LOGISTICS SYSTEMS</b>	<b>Parallel Session 4: MODELLING FOR LOW CARBON LOGISTICS</b>	
	Room 1: Constance Tipper Lecture Theatre	Room 2: Lecture Theatre 6	
	Session Chair: Phil Greening	Session Chair: Joubert van Eeden	
	Zoom Host: Chen Liu	Zoom Host: Parth Deshpande	
	Zoom: Meeting ID: 864 9647 4625; Passcode: 780390; Link: <a href="#">Click Here</a>	Zoom Meeting ID: 665 239 5659; Passcode: 753648; Link: <a href="#">Click Here</a>	
15:30	Maria Hüge-Brodin, A. Joensson, On the road towards decarbonised logistics: A Swedish perspective on success factors and future challenges	Link to abstract	Emrah Demir, C. Gil, A. M. Montesa, A. Reya, W. Abouarghoubb, V. Sanchez Rodrigues, G. Wilmsmeier, A simulation-based model for green fleet management in Colombia
15:50	Mark Gjerek, D. Coleman, J. Groeneveld, Hydrogen Highways... the path to net zero or a road to nowhere? An Australian perspective	Link to abstract	Ilayda Macit, Decarbonising Road Freight Transport: Estimating the UK truck fleet dynamic
16:10	Jan Havenga, H. Neethling, S. Gertenbach, Z. Simpson, S. Swarts, Supply chain resilience in Africa	Link to abstract	Dominic Huskisson, J. van Vuuren , C. Searle, J. van Eeden, An agent-based approach towards modelling cost versus CO2 emission trade-offs in multi-modal middle-mile logistics
16:30	Phil Churchman, T. Dekker, K. Pangbourne, Transition codesign for purposive road freight decarbonisation	Link to abstract	Lente Schoeman, S. Nel , C. Searle, J. van Eeden, Towards simulating the South African fruit export supply chain
16:50		Link to abstract	Andy Oakey, T. Cherrett, M. Grote, A. Pilko, A. Blakesley, J. Krol, B. Anvari, Can mixed-mode logistics fleets including drones really decarbonise freight?: Grounding the myths using case studies
17:10	Day 1: Close		
19:00	Conference Dinner at Queens' College, Cambridge, Silver Street, CB3 9ET		

Day 2 - Tuesday 5th December, 2023				
	<b>Plenary Session: ROADMAP TO 2035</b> <b>Session Chair: Prof Phil Greening</b> <b>Room 1: Constance Tipper Lecture Theatre</b> Zoom Host: Prof Xiaoxiang Na; Meeting ID: 839 5511 6802; Passcode: 553908; Link: <a href="#">Click Here</a>			
08:30	Welcome Messages			
08:35	Keynote speaker 1: <b>Alistair Lindsay</b> , <i>Chief Operating Officer of Zeus Labs</i>			
09:05	Keynote speaker 2: <b>Serge Schamschula</b> , <i>Head of Ecosystem at Transporeon</i>			
09:35	Speaker Panel Discussion, Session Chair: Phil Greening			
10:05	Refreshments			
10:20	<b>Parallel Tracks</b>			
	<b>Parallel Session 5: TRANSITION TO ELECTIC FREIGHT/ROAD SYSTEMS</b> <b>Room 1: Constance Tipper Lecture Theatre</b> <b>Session Chair: Dr Chris de Saxe</b> Zoom Host: Chen Liu Zoom Meeting ID: 839 5511 6802; Passcode: 553908; Link: <a href="#">Click Here</a>		<b>Parallel Session 6: ROAD AND INTERMODAL TRANSPORT SYSTEMS</b> <b>Room 2: Lecture Theatre 6</b> <b>Session Chair: Prof Xiaoxiang Na</b> Zoom Host: Parth Deshpande Zoom Meeting ID: 665 239 5659; Passcode: 753648; Link: <a href="#">Click Here</a>	
10:20	Sheba Nair, E. Kallionpää, H. Liimatainen, Road freight models to accelerate green transition in Europe	Link to abstract	Susan Krumdieck, P.Gallardo, R. Murray, A sequential optimization-simulation approach for planning the transition to the low carbon freight system with case	Link to abstract
10:40	Paul Wilkes, The cultural challenge when switching to commercial electric vehicles	Link to abstract	Taavi Tonts, M. Jürimaa, E. Killar, Intelligent Access, e-waybills and eFTI developments in Estonia	Link to abstract
11:00	Paul Buijs, J. Lopez, Evaluating the potential of an electronic road system in the early market phase	Link to abstract	Razon Chandra Saha, A modal shift approach to reduce CO2 emissions in the Dhaka-Chattoogram freight corridor of Bangladesh	Link to abstract
11:20	Raimonds Aronietis, T. Vanelslander, Economic impacts of the electric road system implementation on Rotterdam-Antwerp corridor	Link to abstract	Rishab Gandhi, P. Deshpande, X. Na, D. Roy, D. Cebon, A comparative study of the Indian and UK road logistics industries	Link to abstract
11:40	Gerrit Stumpe, P. Akerman, Dynamic charging of trucks via overhead catenary enabling sustainable economies	Link to abstract	Sandra Gertenbach, Imperatives for the advancement of freight intermodalism in South Africa: A systems thinking approach	Link to abstract
12:00	Lunch			
13:00	Panel discussion 2, Session Organiser: Connected Places Catapult			
14:00	Breakouts / Interactive activity: <b>Sustainable road freight: Roadmap to 2035</b>			
15:10	Refreshments			
15:20	<b>Parallel Tracks</b>			
	<b>Parallel Session 7: ELECTRIC ENERGY SYSTEMS</b> <b>Room 1: Constance Tipper Lecture Theatre</b> <b>Session Chair: Prof David Cebon</b> Zoom Host: Chen Liu Zoom Meeting ID: 839 5511 6802; Passcode: 553908; Link: <a href="#">Click Here</a>		<b>Parallel Session 8: DECARBONISED CITY LOGISTICS</b> <b>Room 2: Lecture Theatre 6</b> <b>Session Chair: Prof Maja Piecyk</b> Zoom Host: Xiaoxiang Na Zoom Meeting ID: 665 239 5659; Passcode: 753648; Link: <a href="#">Click Here</a>	
15:20	Juan Pablo Bertucci, M. Salazar, T. Hofman, Simulation-optimization of charging infrastructure and scheduling for heavy duty electric trucks	Link to abstract	Anne Goodchild, North American zero emissions microhub pilot	Link to abstract
15:40	Nihat Ahmed, D. A. Menachof, M. Baghersad, C. W. Yoo, Evaluation of charging station locations: Infrastructure for fully electric semi-trucks in the U.S.A.	Link to abstract	Khaled Ayad, Enhancing competitive advantage through horizontal collaboration in urban last-mile logistics	Link to abstract
16:00	Parth Deshpande, J. Miles, D. Cebon, Journey models for electric road freight operations	Link to abstract	Nadia Guiffrida, Y. Calleob, F. Pilla, Building a spatial participatory approach to locate urban logistics facilities, by eliciting experts' opinions	Link to abstract
16:20	Zeinab Roofi, M. Mahmoudi, A. Pernestål, What is the effect of charging infrastructure availability on electric truck adoption? An egg-chicken dynamics problem	Link to abstract	Luciano Pana Tronca, Planning instruments for the intersection of urban freight and decarbonisation	Link to abstract
16:40	Maria Nunez Munoz, E. E. F. Ballantyne, D. A. Stone, Exploring the benefits of using locally generated solar energy, supported by a BESS, in reducing Well-to-Tank emissions associated with electric road freight fleets	Link to abstract	Maren Schnieder, Last-mile delivery innovations – a systematic literature review	Link to abstract
17:00	<b>Closing Session</b> <b>Room 1: Constance Tipper Lecture Theatre</b> <b>Session Chair: Prof Maja Piecyk</b> Zoom Host: Chen Liu; Meeting ID: 839 5511 6802; Passcode: 553908; Link: <a href="#">Click Here</a>			
17:30	Day 2: Close			
Day 3 - Wednesday 6th December, 2023				
08.30	Industrial Visit to John Lewis Warehouse, Milton Keynes and Volvo Trucks, Warwick. Depart CUED at 08.30 and return Cambridge at 18:00			

Supporting Organisations

