

8th International SRF Workshop , 9-11 November, 2021 (Online)

Day 1 - Tuesday 9th November, 2021							
China	IST	SA	GMT				
				Plenary Session 1 (Room 1): How do propulsion technologies, energy systems, and logistics systems interact? Session Chair: Lori Tavasszy (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:			
16:00	13:30	10:00	08:00	Welcome and introductions: Aukje Hassoldt, Dean of Faculty Technology, Policy and Management, TU Delft			
16:20	13:50	10:20	08:20	Keynote speaker 1: Phil Greening, Heriot-Watt University			
16:40	14:10	10:40	08:40	Keynote speaker 2: Zofia Lukszo, TU Delft			
17:00	14:30	11:00	09:00	Keynote speaker 3: Jan Nylander, Scania			
17:20	14:50	11:20	09:20	Speaker Panel Discussion (Chair: Lori Tavasszy)			
17:50	15:20	11:50	09:50	Break (Room 1)			
				Breakout Session 1 (Room 1): Making the decarbonised Logistics-Propulsion-Energy System work Session Chair: Lori Tavasszy (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:			
18:05	15:35	12:05	10:05	Breakout Introduction			
18:20	15:50	12:20	10:20	Breakout: 'What are the immediate research and implementation needs for making the combined logistics-propulsion-energy systems work together?'			
19:00	16:30	13:00	11:00	Breakout report back			
19:15	16:45	13:15	11:15	Break (Room 1)			
				Parallel Tracks 1			
				Role of Hydrogen in Sustainable Road Freight Systems (Room 2) Session Chair: ?? (Zoom Host: Xiaoxiang Na) Meeting ID: Passcode: Zoom:			
				Sustainable Road Freight Transport Systems of the Future (Room 3) Session Chair: ?? (Zoom Host: Josh Subel) Meeting ID: Passcode: Zoom:			
19:30	17:00	13:30	11:30	Christa Searle, Philip Greening and Nadia Taou - Framework for Strategic Hydrogen Refueling Infrastructure Analyses	link to abstract	Michiel de Bok, Lóránt Tavasszy, Ioanna Kourouniotia, Sebastiaan Thoenb and Larissa Eggers - Will we reach the climate goals of the European white paper? A comprehensive impact assessment of policies to decarbonize road freight transport	link to abstract
19:45	17:15	13:45	11:45	Piers Johnston, Molly Haugen, Daniel Ainalis and Adam Boies - Hydrogen refuelling station requirements for UK long-haul decarbonisation	link to abstract	Rik Arends and Alan Lewis - A true comparison of the GHG reduction potential of transport energy sources and the concept of total emissions of ownership	link to abstract
20:00	17:30	14:00	12:00	Ruan Van Schalkwyk and Joubert van Eeden - Can hydrogen be a clean fuel source for sustainable road freight transport in SA	link to abstract	Adam Gripton - Using simple economic and transport models to provide quick estimates of equipment and storage requirements for national vaccination logistics strategy plans	link to abstract
20:15	17:45	14:15	12:15	Tharsis Teoh, Sander van der Meulen and Aad van den Engel - Can diesel hydrogen dual fuel vehicles & hydrogen internal combustion engines play a stop gap role in decarbonising road freight transport	link to abstract	Dhanan Utomo and Philip Greening - Evaluating options to integrate autonomous vehicle in home grocery delivery operations	link to abstract
20:30	18:00	14:30	12:30	Speaker Panel		Speaker panel	
21:00	18:30	15:00	13:00	Adjourn			
21:00	18:30	15:00	13:00	Workshop Social! (Room 1) Session Chair: David Cebon (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:			

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Day 2 - Wednesday 10th November, 2021						
China	IST	SA	GMT			
				Plenary Session 2 (Room 1) How to juggle complexity (priorities for different stakeholders in different markets) Session Chair: ?? (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:		
16:00	13:30	10:00	08:00	Welcome and introductions. Summary of issues from Day 1: Chair		
16:20	13:50	10:20	08:20	Keynote speaker 4: Richard Smokers, TNO		
16:40	14:10	10:40	08:40	Keynote speaker 5: David Green, University of Tennessee		
17:00	14:30	11:00	09:00	Keynote speaker 6: Cobus Rossouw, Imperial Logistics		
17:20	14:50	11:20	09:20	Panel Q&A (Chair:)		
17:50	15:20	11:50	09:50	Break (Room 1)		
18:10	15:40	12:10	10:10	Poster Session (Room 1) Session Chair: ?? (Zoom Host: Daniel Ainalis) Meeting ID: 895 3940 3366 Passcode: 715145 Zoom:		
19:05	16:35	13:05	11:05	Break (Room 1)		
				Parallel Tracks 2		
				Complex Requirements of Decarbonisation Approaches (Room 2) Session Chair: ?? (Zoom Host: Xiaoxiang Na) Meeting ID: Passcode: Zoom:		How to Model and Manage Complexity in Sustainable Road Freight Systems (Room 3) Session Chair: ?? (Zoom Host: Josh Subel) Meeting ID: Passcode:
19:25	16:55	13:25	11:25	Erika Kallionpää, Sheba Nair and Heikki Liimatainen - Perception of using electric and alternatively fuelled freight trucks among road haulage companies	link to abstract	Jonathan Koehler and Clemens Brauer - New models in freight transport: sustainable supply chains, the physical internet and irreducible complexity
19:40	17:10	13:40	11:40	Izabella Németh, Norina Szander and Peter Bajor - Infrastructure & energy management requirements for zero emission road transport vehicles at future parking lots in Hungary	link to abstract	Jorge Gutierrez Chiriboga, Maria Hüge-Brodin and Uni Sallnäs - Value networks of actors in the freight sector: The case of electrification of freight transport
19:55	17:25	13:55	11:55	Sanjay Gupta and Saloni Gupta - User preference for electric vehicle adoption by small commercial vehicles for freight delivery in Delhi, India	link to abstract	Rodrigo Tapia, Ioanna Kourouniotti, Louise de Tremerie, Michiel de Bok and Lóránt Tavasszy - Greening urban logistics: the role of hyperconnected urban logistics networks
20:10	17:40	14:10	12:10	Sten Wandel - Decarbonization package for long-haul truck transport by bundling electrification, high capacity transport & digitalization concepts	link to abstract	Nadia Giuffrida, Francesco Pilla and Páiraic Carroll - Setting up an integrated ICT platform to improve city logistics: first insights from the SENATOR project
20:25	17:55	14:25	12:25	Mary Catherine Osman, Maria Hüge-Brodin, Jonas Ammenberg and Jenny Karlsson - Biomethane in freight and logistics: Stakeholder perspectives	link to abstract	Marimuthu Venkadavarahan and Sankaran Marisamynathan - Investigating sustainable urban road freight policies for Indian conditions
20:25	17:55	14:25	12:25	Q&A		Q&A
21:00	18:30	15:00	13:00	Adjourn		

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Day 3 - Thursday 11th November, 2021				
China	IST	SA	GMT	
				Plenary Session 3 (Room 1) How do we implement the best solutions? Session Chair: ?? (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:
16:00	13:30	10:00	08:00	Welcome and introductions. Summary of issues from Day 2 (Chair)
16:20	13:50	10:20	08:20	Keynote speaker 7: Karthick Athmanathan, Ashok Leyland: Indian EV EcoSystem- status and trends
16:40	14:10	10:40	08:40	Keynote speaker 8: Bob Moran, UK Department for Transport
17:00	14:30	11:00	09:00	Broadcast from COP: Alan Lewis and Eszter Toth-Weedon
17:20	14:50	11:20	09:20	Q&A (Chair:)
17:50	15:20	11:50	09:50	Break (Room 1)
				Breakout Session 2: What strategies are best for moving forward? (Room 1) Session Chair: Bonne Goedhart (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:
18:05	15:35	12:05	10:05	Introduction
18:20	15:50	12:20	10:20	Breakout
19:00	16:30	13:00	11:00	Breakout report back
19:15	16:45	13:15	11:15	Break (Room 1)
				Parallel Tracks 3
				Are Electric roads the Future of Sustainable Road Freight? (Room 2) Session Chair: ?? (Zoom Host: Xiaoxiang Na) Meeting ID: Passcode: Zoom:
				Ways to Improve Efficiency of Road Freight Transport (Room 3) Session Chair: ?? (Zoom Host: Josh Subel) Meeting ID: Passcode: Zoom:
19:30	17:00	13:30	11:30	Takamitsu Tajima - Side conductive electric road system for heavy-duty trucks to EVs link to abstract
19:45	17:15	13:45	11:45	Daniel Ainalis, Christopher Thorne, Christopher de Saxe, John Miles, Phil Greening and David Cebon - Evaluating the performance and costs of an electric road system for decarbonising the UK's long haul road freight link to abstract
20:00	17:30	14:00	12:00	Christopher de Saxe, Daniel Ainalis, John Miles, Phil Greening, Christopher Thorne and David Cebon - A simulation based study of a proposed road freight electrification system demonstrator in the UK link to abstract
20:15	17:45	14:15	12:15	Clara Kayser-Bril, Johanne Whitmore, Ramata Ba and Ashok Kinjarapu - Decarbonization of long-haul trucking in Eastern Canada: Simulation of the e-Highway technology link to abstract
20:30	18:00	14:30	12:30	Q&A link to abstract
21:00	18:30	15:00	13:00	Workshop Wrap-up (Room 1) Session Chair: Lori Tavasszy (Zoom Host: Daniel Ainalis) Meeting ID: Passcode: Zoom:
21:30	19:00	15:30	13:30	End of Workshop