2023 Disruptive Transportation Technologies and Services Research Symposium

[Disrupt 2023]

July 21, 2023

10:00-10:05	Welcome *Bilal Farooq*
10:05-10:30	On-demand multimodal automated delivery system: system operation, collision-free and uncertainty-aware trajectory planning *Farzan Moosavi*
10:30-11:00	The carbon cost for the electrification of passenger vehicles fleet. Pre-operational phase lifecycle emissions and hub-optimization of electric vehicles *Tareq Alsaleh*
11:00-11:30	Deep causal model of pedestrian crossing behaviour in mixed traffic condition *Kimia Kamal*
11:30-12:00	Modelling unobserved heterogeneity in willingness to give control to conditional automation *Sajjad Ansar*
12:00-12:30	Sustainability Analysis Framework for On-Demand Public Transit Systems *Nael Alsaleh*
12:30-13:00	Lunch
13:00-13:30	Keynote
13:30-14:00	
14:00-14:30	Exploring sustainable pathways for transportation decarbonization *Saba Sabet*
14:30-15:00	Autonomous delivery robots interaction with humans in shared urban spaces *Ella Sherafat*
15:00-15:30	Pedestrian stress level; case study of crossing a street with autonomous vehicles *Mohsen Nazemi*
15:30-16:00	Open discussion on research directions