

Traffic Flow Theory and Characteristics Committee Mid-year Meeting - Woods Hole MA - 7-9 August 2018

	Tuesday 7	Wednesday 8	Thursday 9
09:00	Welcome		
09:10	Gayah Vikash		
09:20	Optimal spatial configuration of left-turn restrictions on urban grid networks		
09:30	Chen Danjue		
09:40	A Hierarchical Clustering Algorithm for Traffic Network Partitioning		
09:50	Ma Tao	Commitee meeting	
10:00	Combination of Neural Network and statistical model for network-wide traffic forecast		Classic paper retreat
10:10	Lu Shoufeng		
10:20	Deriving the relationship between network travel time reliability and NFD		
10:30			
10:40	Break	Break	Break
10:50			
11:00	De Souza Felipe	Wu Kan	
11:10	A Calibration Procedure of Microscopic Models at Merge Bottlenecks	Estimating the Impacts of TSP on Intersection Operations: KW Theory and MBN Approach	
11:20	Ramezanpour Nargesi Saeed Reza	Li Xiaopeng (shaw)	
11:30	Modelling Mandatory (Merging) and Discretionary LC Behaviors Using Game Theory Technique	A Macro. Method for Joint Optimization of Trajectories and Signal Timing for CA traffic	Classic paper retreat
11:40			
11:50			
12:00	Key note Lily Elefteriadou	Key note Monica Menendez	
12:10			
12:20			
12:30			Closing
12:40			
12:50			
13:00	Lunch	Lunch	Lunch
13:10			
13:20			
13:30			
13:40			
13:50			
14:00	Key note Mickael Zhang	Key note Benjamin Coifman	
14:10			
14:20			
14:30			
14:40			
14:50	Buisson Christine	Kurkcu Abdullah	
15:00	Some insights into activation and persistence of bottlenecks on freeways	Under Connected Vehicle Environment	
15:10	Ni Daiheng	Silverstein Claire	
15:20	Limitations of Current Traffic Models and Strategies to Address Them	Bridging the Gap Between Pre- and Post-Collision Microscopic Traffic Modeling	
15:30	Rummel Johannes	Zuo Fan	
15:40	Time-dependent time and space lags for Newell's lower order model	Urban Crossings in a Connected Vehicle Environment	
15:50			
16:00	Break	Break	
16:10			
16:20	Li Xiaopeng (shaw)	Hale David	
16:30	A Mixed Traffic Speed Harmonization Model with Connected Autonomous Vehicles	Development of a Microsimulation Car-Following Model for Narrow Freeway Lanes	
16:40	Soleimaniamiri Saeid	Nagahama Akihito	
16:50	Scheduling of heterogeneous connected automated vehicles at a general conflict point	Driving Charact. of Various Types of Vehicles and Replicability of Distance Gaps - OVM and IDM	
17:00	Lu Chaoru	Wang Yu	
17:10	Manually Driven Vehicles	Analytical Measures of Traffic Oscillation for Generalized Linear Stochastic CF Models	
17:20	Srivastava Anupam	Demirtas Kerem	
17:30	CAV control to mitigate stop and go oscillation amplification in mixed traffic	A car following model incorporating reaction time dynamics: online calibration and case study	
17:40			
		Gala dinner	