

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

	Tuesday 7	Wednesday 8	Thursday 9
09:00	Welcome	<b>Committee meeting</b>	<b>Classic paper retreat</b>
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		
10:00	Combination of Neural Network and statistical model for network-wide traffic forecast		
10:10	Lu Shoufeng	Gonzales Eric	
10:20	Deriving the relationship between network travel time reliability and NFD	Controlling Congestion in a Neighborhood Center through Parking and Pedestrianization Policies	
10:30	<b>Break</b>	<b>Break</b>	<b>Break</b>
10:40			
10:50			
11:00	De Souza Felipe	Wu Kan	<b>Classic paper retreat</b>
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	Modeling Mandatory (Merging) and Discretionary LC Behaviors Using Game Theory Technique	A Macro. Method for Joint Optimization of Trajectories and Signal Timing for CA traffic	
11:40	<b>Key note Lily Elefteriadou</b>	<b>Key note Monica Menendez</b>	
11:50			
12:00			
12:10			
12:20			<b>Closing</b>
12:30	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
12:40			
12:50			
13:00			
13:10			
13:20			
13:30			
13:40			
13:50			
14:00	<b>Key note Mickael Zhang</b>	<b>Key note Benjamin Coifman</b>	
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	<b>Break</b>	<b>Break</b>	
16:00			
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			
		<b>Gala dinner</b>	