

**Joint Seminar between Tongji University and the University of Tokyo and 13th International Workshop on ITS
At Institute of Industrial Science (IIS), the University of Tokyo
1st November 2018**

1. Program

1st November (Thursday) @ room An 403

Session	Time	Moderator	Presenter	Title of presentation
10:00 – 10:15		Opening and welcome remarks Prof. Takashi Oguchi		
10:15 – 10:55		Presentation by the guest speaker Individual Driver Advisory at Weaving and Lane Drop Sections Prof. Edward Chung, Hong Kong Polytechnic University		
Session 1	10:55 - 11:20	Kentarō Wada	Koki Satsukawa (UT)	Network throughput under dynamic user equilibrium
	11:20 – 11:45		Lei Liu (TJ)	Fusing license plate recognition data and vehicle trajectory data for lane-based queue length estimation at signalized intersections
	11:45 - 12:10		Chaopeng Tan (TJ)	Queue length estimation at signalized intersection using probe trajectory data
12:10 - 13:30		Lunch break		
13:30 – 14:10		Presentation by the guest speaker Emerging Research Issues and Projects of C-ITS in Europe Prof. Nour-Eddin El Faouzi, The French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR)		
Session 2	14:10 - 14:35	Charitha Dias	Zhang Jiahua (UT)	Dynamics of urban rail transit: Passenger behavior and congestion
	14:35 - 15:00		Hao Wu (TJ)	Left-turn spillback identification based on license plate recognition data
	15:00 - 15:25		Muhammad Abdullah (UT)	Geometric and control design of at-grade crossing facilities for vehicle-pedestrian urban networks

15:25 - 15:40		Coffee break		
Session 3	15:40 - 16:05	Zhang Jiahua	Lin Bai (TJ)	A survey on self-reported driving behaviors and attitudes of drivers in China
	16:05 - 16:30		Tianyang Han (UT)	Short-Term travel speed prediction for urban expressway using convolutional neural network and tensor decomposition
	16:30 - 16:55		Yanning Wei (TJ)	Trajectory-based identification of critical instantaneous decision events at mixed-flow signalized Intersections
16:55 - 17:10		Closing Prof. Keshuang Tang		

2. Time allocation for presentations

Each presenter has 25 minutes to present his/her work (15 mins for presentation and 10 mins for Q/A).