13:50-14:10	B6-2C2®	**Rapid deployment of connected communication infrastructure on sudden-onset disasters** E. Berliner[1,2], Y. Hadas[1]*, B. Benmoshe[2], *[1]Bar-Ilan University, Israel, [2]Ariel University, Israel*
14:10-14:30	B6-2C3®	**Examination of tsunami related reduced mobility people and its countermeasures - Case study in tsunami-inundated areas of Kyushu region of Japan** N. Kachi[1]*, T. Arakawa[1], K. Tsukahara[1], Y. Akiyama[2], *[1]Kyushu University, Japan, [2]The University of Tokyo, Japan*
14:30-14:50	B6-2C4	**Matching system of disaster relief supplies integrating vehicle routing planning** H. Hashimoto[1], J. Fukumoto[1]*, *[1] Tohoku University, Japan*

TOPIC C: TRAFFIC MANAGEMENT, OPERATIONS AND CONTROL		
C1: Traffic Theory and Modelling		
Monday, 11 July		
C1 - 2B - Traffic Flow Theory I Room: MFB505 Session Chair: Milan Krbálek		
10:50-11:10	C1-2B1®	**A stochastic approach to the flow-concentration curve in traffic flow theory** W.L. Qian[1,2]*, R.F. Machado[3], K. Lin[4], A.F. Siqueira[1], *[1]University of Sao Paulo, Brazil, [2]State University of Sao Paulo, Brazil, [3]Federal University of Ouro Preto, Brazil, [4]Federal University of Itajuba, Brazil*
11:10-11:30	C1-2B2®	**Quantitative analysis of interaction range in vehicular flows** M. Krbálek[1]*, *[1]Czech Technical University, Czech Republic*
11:30-11:50	C1-2B3	**A moments-based characterization of travel time variability and its application in travel time reliability estimation** X. Xu[1], W. Gu[1]*, C. Yang[1], A. Chen[1,2], *[1]Tongji University, China, [2]Utah State University, USA*
11:50-12:10	C1-2B4®	**Impact of variable lateral gap maintaining behavior of vehicles on macroscopic traffic relations** D. Pal[1]*, C. Mallikarjuna[2], *[1]NERIST Nirjuli, India, [2]IIT Guwahati, India*
C1 – 2C - Traffic flow theory II Room: MFB505 Session Chair: Wen-Long Jin		
13:30-13:50	C1-2C1®	**Mathematical and statistical properties of the microstructure in vehicular streams and their impact to the traffic management methods** J. Apeltauer[1]*, T. Apeltauer[1], M. Vsetecka[1], J. Macur[1], P. Holcner[1], *[1]Brno University of Technology, Czech Republic*
13:50-14:10	C1-2C2®	**Analyzing Braess's paradox in simple road networks with the kinematic wave theory** W.L. Jin[1]*, *[1]UC Irvine, USA*
14:10-14:30	C1-2C3®	**Using automatic vehicle location data to model and identify determinants of bus bunching** S. Rashidi[1]*, P. Ranjitkar[2], O. Csaba[1], A. Hooper[1], *[1]Opus International Consultants Ltd, New Zealand, [2]Budapest University of Technology and Economics, Hungary*