

International Symposium on ITS Research

- New Technologies and Their Applicability in Viet Nam

24 April 2017

Conference Room, 4F, Building A8,
University of Transport and Communication, No.3 Cau Giay, Hanoi

SYNOPSIS

ITS (Intelligent Transport Systems) utilizes traffic engineering, mechanical engineering, information engineering and others in an integrated manner to improve the safety, capacity and efficiency of the transportation systems. This symposium will introduce various international cutting-edge researches and developments in ITS. The experts will share their knowledges on ITS globally.

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Program (Tentative)

08:30-09:00		Registration
09:00-09:05		Declaring reasons and introducing participants
09:05-09:20	Opening remarks	Representative of UTC (Leader of University of Transport and Communication) Yoshihiro Suda (Director of ITS Center, Institute of Industrial Science, The University of Tokyo, Japan) Le Hung Lan (President of National Center for Technological Progress)
09:20-09:45	Advanced mobility research for sustainable transportation -Automated driving for next generation	Yoshihiro Suda (Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, Japan) Le Hung Lan (Professor, National Center for Technological Progress) and
09:45-10:10	Applications of Intelligent Transportation system in Metropolitan areas – Viet Nam	Tran Vu Tuan Phan (National Center for Technological Progress)
10:10-10:35	Haptic interface for intelligent transport	Kimihiko Nakano (Associate Professor,

10:35-11:00	systems Difficulties in implementing ITS in Viet Nam	ITS Center, Institute of Industrial Science, The University of Tokyo, Japan) Dang Cong Chien (Viet Nam Bridge and road Association)
11:00-11:15	Tea break	
11:15-11:40	Challenge for understanding the mix-traffic flow nature	Takashi Oguchi (Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, Japan)
11:40-12:05	Data oriented analysis of large scale transportation data	Takahiko Kusakabe (Lecturer, Center for Spatial Information Science, The University of Tokyo, Japan)
12:05-12:30	Signing MOU between Nacentech, UTC and University of Tokyo	
12:30-13:30	Lunch	
13:30-13:55	Application of ITS in urban transport in Vietnam: Current situation and recommended solutions	Truong Hoang Hai (Institute of Planning and Transportation Engineering)
13:55-14:20	Motorway weaving management - A C-ITS Approach	Edward Chung (Professor, Director of Smart Transport Research Centre, Queensland University of Technology, Australia)
14:20-14:45	CANCEL	-
14:45-15:10	Practical research on implementation of ITS in local area	Koichi Sakai (Associate Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, Japan)
15:10-15:25	Tea break	
15:25-15:50	Transportation modelling and simulation	Dr. Le Thu Huyen of (University of Transport and Communications)
15:50-16:15	Smart tourism	Takeshi Oishi (Associate Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, JP)
16:15-16:40	Image processing in traffic Management	MSc. Dang Quang Thach (National Center for Technological Progress)
16:40-17:05	Sensing and visualization for ITS: Generating fine street images from large amount of low-quality images collected by general vehicles	Shintaro Ono (Project Associate Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, Japan)
17:05-17:20	Summary and concluding remarks	Representative of UTC (Leader of University of Transport and Communication) Le Hung Lan (President of National Center for Technological Progress) Takashi Oguchi (Professor, ITS Center, Institute of Industrial Science, The University of Tokyo, Japan)
17:20	Closing	