



# International Symposium on ITS Research 2011 in Taiwan

<http://www.its.iis.u-tokyo.ac.jp/isir2011/>

For expanding ITS toward the future, collaborative activities beyond conventional fields of study such as information, traffic, mechanical engineering and beyond countries are getting more significant. In conjunction with the coming ITS Asia-Pacific Forum in Taiwan, we hold this symposium as a Special Academic Program of the Forum, where we introduce various cutting-edge researches and developments and discuss ITS perspectives, through our interfaculty and worldwide collaborative research network.

**Data : Saturday, June. 11, 2011** | **Venue : National Taiwan University**  
**Plato Chamber, GIS NTU Convention Center**

## Program (The venue opens at 9:30)

<b>10:00-10:10 Opening Remarks</b>	
	Yoshihiro Suda (Director of ITS Center, Institute of Industrial Science, The Univ. of Tokyo, Japan) Liang-Jenq LEU (Dean of the Department of Civil engineering, National Taiwan Univ., Taiwan)
<b>10:10-11:30 Session 1: ITS Implementation &amp; ITS for Emergency, Chair: Takashi Oguchi (The Univ. of Tokyo, Japan)</b>	
	Yoshihiro Suda (The Univ. of Tokyo, Japan) <i>Sustainable Transport and ITS for Emergency</i>
Presenters	Tang-Hsien Chang (National Taiwan Univ., Taiwan) <i>The Revolution of ITS--Introduction to PVT-net with N-Fi technology, an IOT/Telematics system</i>
	Seungjae Lee (The Univ. of Seoul, Korea) <i>Some ITS Implementation Strategies in Korea</i>
	Nan Zou (Shandong Univ., China) <i>Simulation-based emergency response and evacuation management</i>
<b>11:30-11:45 ~ Coffee Break ~</b>	
<b>11:45-13:00 Session 2: Vehicle Control, Chair: Takashi Oguchi (The Univ. of Tokyo, Japan)</b>	
	Ching-Yao Chan (Univ. of California at Berkeley, USA) <i>Wireless Communication and Connected Vehicles</i>
Presenters	Tsu-Tian Lee (National Taipei Univ. of Technology, Taiwan) <i>Some recent developments in Intelligent Transportation Systems</i>
	Fu-Cheng Wang (National Taiwan Univ., Taiwan) <i>Inerter Concepts and Applications to Vehicle Suspension Control</i>
<b>13:00-14:00 ~ Lunch ~</b>	
<b>14:00-15:15 Session 3: Image Processing and Communication, Chair: Der-Horng Lee (National Univ. Singapore)</b>	
	Ren C. Luo (National Taiwan Univ., Taiwan) <i>Hybrid Discriminative Visual Object Tracking with Confidence Fusion Approach</i>
Presenters	David W. Wang (Chunghwa Sochamp Technology Co., Ltd., Taiwan) <i>Key Factors of Image processing in ANPR</i>
	Katsushi Ikeuchi (The Univ. of Tokyo, Japan) <i>Four-dimensional Virtual cities and smart tourism</i>
<b>15:15-15:30 ~ Coffee Break ~</b>	
<b>15:30-17:10 Session 4: Traffic Management, Chair: Der-Horng Lee (National Univ. Singapore)</b>	
	Edward Chung (Queensland Univ. of Technology, Australia) <i>Integrated Motorway Management System</i>
Presenters	Yi-Chang Chiu (The Univ. of Arizona, USA) <i>Analysis Simulation and Modeling for Intelligent Transportation Systems Planning and Integrated Corridor Management</i>
	Der-Horng Lee (National Univ. of Singapore, Singapore) <i>Simulation for Urban Mobility</i>
	Masao Kuwahara (The Univ. of Tokyo, Japan) <i>Traffic Management using ITS sensing data</i>
<b>17:10- Summary and Closing Remarks</b>	
	S. K. Jason Chang (Advanced Public Transportation Research Center, National Taiwan Univ., Taiwan)

**Register : [chihhsulin@gmail.com](mailto:chihhsulin@gmail.com) (Ms. Lin) just via email**  
Limited seats available on 11 June  
**No charge to participate**

**Co-organizers : ITS Japan, ITS Taiwan**

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Program Chair : Research Associate. Shigeyuki Yamabe (The Univ. of Tokyo)  
Assoc. Prof. Shou-Ren Hu (National Cheng Kung Univ.)

Staff : Mr. Chieh-Jen Hung (The Univ. of Tokyo)  
Ms. Chih-Hsu Lin (National Taiwan Univ.)



● National Taiwan University Map

國立臺灣大學  
校總區地圖



● MRT Route Map

