



INSTR 2015

**6th International Symposium on
Transportation Network Reliability**
-The Value of Reliability, Robustness and Resilience-
2-3 August 2015, Nara, Japan

FIRST CALL FOR PAPERS

The 6th International Symposium on Transportation Network Reliability (INSTR) will be held in Nara, ancient capital of Japan, from 2-3 August, 2015. The symposium is jointly organised by the Department of Urban Management, Kyoto University, and the Japan Society of Transportation Engineering. The INSTR series is the premier gathering for the world's leading researchers and professionals interested in transportation network reliability, to discuss both recent research and future directions in this increasingly important field of research. For further details, see <http://trans.kuciv.kyoto-u.ac.jp/instr2015/index.html>

Topics

A special focus of this symposium will be the increasing practical value of reliability improvements for project evaluation. In particular the value of infrastructure investments to improve network resilience to counter large disasters is nowadays a critical issue. Contributions that discuss this issue are specifically encouraged for this symposium though the scope of this conference is wider and includes all aspects of analysis and design to improve network reliability, including;

- User perception of unreliability and vulnerability
- Public policy and reliability of travel times
- The valuation of reliability
- The economics of reliability
- Network reliability modelling and estimation
- Transportation network robustness and resilience
- Reliability of public transportation
- Travel behaviour under uncertainty
- Risk evaluation and management for transportation networks
- ITS to improve network reliability
- Vehicle routing with uncertainty
- Disaster relief distribution

Format Submission

To present a paper at this conference, an extended abstract (1,000 words) should be submitted electronically (word or pdf format) to the organisers **through our website by 13 June 2014** ([submission page](#)) for the first round review. If the abstract is accepted, a full length manuscript will need to be submitted by **19 December 2014** for final evaluation. The evaluation will be undertaken by references drawn from the International Committee of the INSTR and other prominent researchers from around the world. Final acceptance of a paper will thus be based on peer review of the full paper. Authors of accepted paper will be asked to produce a final camera ready manuscript in Word format by **20 May 2015**, for publication in the proceedings of the Symposium. It is further envisaged to arrange special issues in prominent journals with papers drawn from the symposium proceedings.

Deadlines

13 June, 2014	: Submission of extended abstract (1,000 words)
3 September, 2014	: Notification of acceptance of abstract
19 December, 2014	: Submission of full papers of peer review
16 March, 2015	: Notification of acceptance of full paper
20 May, 2015	: Submission of full, revised papers in camera-format

International Scientific Committee (ISC)

Convenor :	Michael G. H. Bell, <i>The University of Sydney, Australia</i>
Secretary :	Jan-Dirk Schmöcker, <i>Kyoto University, Japan</i>
Member :	<p>Yasuo Asakura, <i>Tokyo Institute of Technology, Japan</i> Anthony Chen, <i>Utah State University, U. S. A</i> Kyung Soo Chon, <i>Seoul National University, Korea</i> Pasquale Colonna, <i>Polytechnic University of Bari, Italy</i> Nour-Eddin El Faouzi, <i>Université de Lyon, IFSTTAR, ENTPE, France</i> Yasunori Iida, <i>Kyoto University, Japan</i> Masao Kuwahara, <i>Tohoku University, Japan</i> William H. K. Lam, <i>The Hong Kong Polytechnic University, Hong Kong SAR</i> Seungjae Lee, <i>The University of Seoul, Korea</i> David Levinson, <i>University of Minnesota, U.S.A.</i> George F. List, <i>North Carolina State University, U.S.A.</i> Hong K. Lo, <i>The Hong Kong University of Science & Technology, Hong Kong SAR</i> Mike J. Maher, <i>University of Leeds, U.K.</i> Hani S. Mahmassani, <i>Northwestern University, U.S.A.</i> Alan Nicholson, <i>University of Canterbury, New Zealand</i> Wafaa Saleh, <i>Napier University, U.K.</i> Eiichi Taniguchi, <i>Kyoto University, Japan</i> Michael A. P. Taylor, <i>University of South Australia, Australia</i> Henk J. van Zuylen, <i>Delft University of Technology, The Netherland</i> David Watling, <i>University of Leeds, U.K.</i> Hai Yang, <i>The Hong Kong University of Science & Technology, Hong Kong SAR</i> Xiaoguang Yang, <i>Tongji University, China</i></p>

Regional Organising Committee (ROC)

Chair :	Eiichi Taniguchi, <i>Kyoto University, Japan</i>	
Co-chair :	Yasuo Asakura, <i>Tokyo Institute of Technology, Japan</i> Masao Kuwahara, <i>Tohoku University, Japan</i>	
Member :	Satoshi Fujii, <i>Kyoto University, Japan</i> Daisuke Fukuda, <i>Tokyo Institute of Technology, Japan</i> Takamasa Iryo, <i>Kobe University, Japan</i> Fumitaka Kurauchi, <i>Gifu University, Japan</i> Takuya Maruyama, <i>Kumamoto University, Japan</i> Toshiyuki Nakamura, <i>Kyoto University, Japan</i> Yuki Nakamura, <i>Kyoto University, Japan</i> Shoichiro Nakayama, <i>Kanazawa University, Japan</i> Jan-Dirk Schmöcker, <i>Kyoto University, Japan</i>	Hiroshi Shimamoto, <i>University of Miyazaki, Japan</i> Yasuhiro Shiomi, <i>Ritsumeikan University, Japan</i> Jun-ichi Takayama, <i>Kanazawa University, Japan</i> Ken-etsu Uchida, <i>Hokkaido University, Japan</i> Takashi Uchida, <i>Osaka City University, Japan</i> Nobuhiro Uno, <i>Kyoto University, Japan</i> Hiroshi Wakabayashi, <i>Meijo University, Japan</i> Toshiyuki Yamamoto, <i>Nagoya University, Japan</i> Hiroki Yamazaki, <i>Kyoto University, Japan</i>

Local Organising Committee (LOC)

Chair :	Eiichi Taniguchi, <i>Kyoto University, Japan</i>	
Member :	Fumitaka Kurauchi, <i>Gifu University, Japan</i> Shinji Nakagawa, <i>Institute of Systems Science Research, Japan</i> Toshiyuki Nakamura, <i>Kyoto University, Japan</i> Yuki Nakamura, <i>Kyoto University, Japan</i> Jan-Dirk Schmöcker, <i>Kyoto University, Japan</i>	Hiroshi Shimamoto, <i>University of Miyazaki, Japan</i> Yasuhiro Shiomi, <i>Ritsumeikan University, Japan</i> Jun Tanabe, <i>Regional Future Research Center, Japan</i> Nobuhiro Uno, <i>Kyoto University, Japan</i> Hiroki Yamazaki, <i>Kyoto University, Japan</i>

Enquiries

For academic as well as organisational questions regarding INSTR 2015 please e-mail: instr2015@trans.kuciv.kyoto-u.ac.jp (Dr. Hiroshi Shimamoto)