





Final Program

24th(Thu) Oct. 2013

9:00 - 9:10	<i>Opening session (chaired by Prof. A. Miyamoto)</i>
9:10 - 9:55 (Keynote I)	“Loading Vehicle BELFA” Prof. Dr.-Ing. Marc Gutermann* *Hochschule Bremen - University of Applied Sciences, Germany
9:55 - 10:40 (Keynote II)	“Overview and Applicability of Local Excitation Method (LEM) for the Monitoring of Small Damage of Real Bridges” Prof. Dr. Toshiyuki Oshima, Kitami Institute of Technology, Japan
10:40 - 11:00	 <i>Coffee Break</i>
11:00 - 11:30	“Determining Load Resistance of Existing Concrete Bridges” Dr. Risto Kiviluoma, WST Finland Ltd, Finland
11:30 - 12:00	“Assessment, Repair and Health Monitoring for Concrete-Steel Deck of Highway Bridges” Dr.-Ing. Andreas Triwiyono, Gadjah Mada University, Indonesia
12:00 - 13:30	 <i>Lunch</i>
13:30 - 14:15 (Keynote III)	“Railway Track Maintenance of JR-East” Mr. Atsushi Yokoyama* *East Japan Railway Company, Japan
14:15 - 15:00 (Keynote IV)	“Non-destructive Evaluation and Structural Health Monitoring” Dipl.-Ing. Rosemarie Helmerich, BAM, Berlin
15:00 - 15:20	 <i>Coffee Break</i>
15:20 - 15:50	“Development of the Damage Level Sensor System for RC Railway Rigid-frame Viaduct” Mr. Hiroshi Hamada, Keisoku Research Consultant Co., Japan
15:50 - 16:20	“A Sensor Network Data Structure for Centralized Post-Processing of Events and Trends” Mr. Joost Kuckartz, The University of Melbourne, Australia
18:00 - 20:00	<i>Welcome Reception</i>

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25th(Fri) Oct. 2013

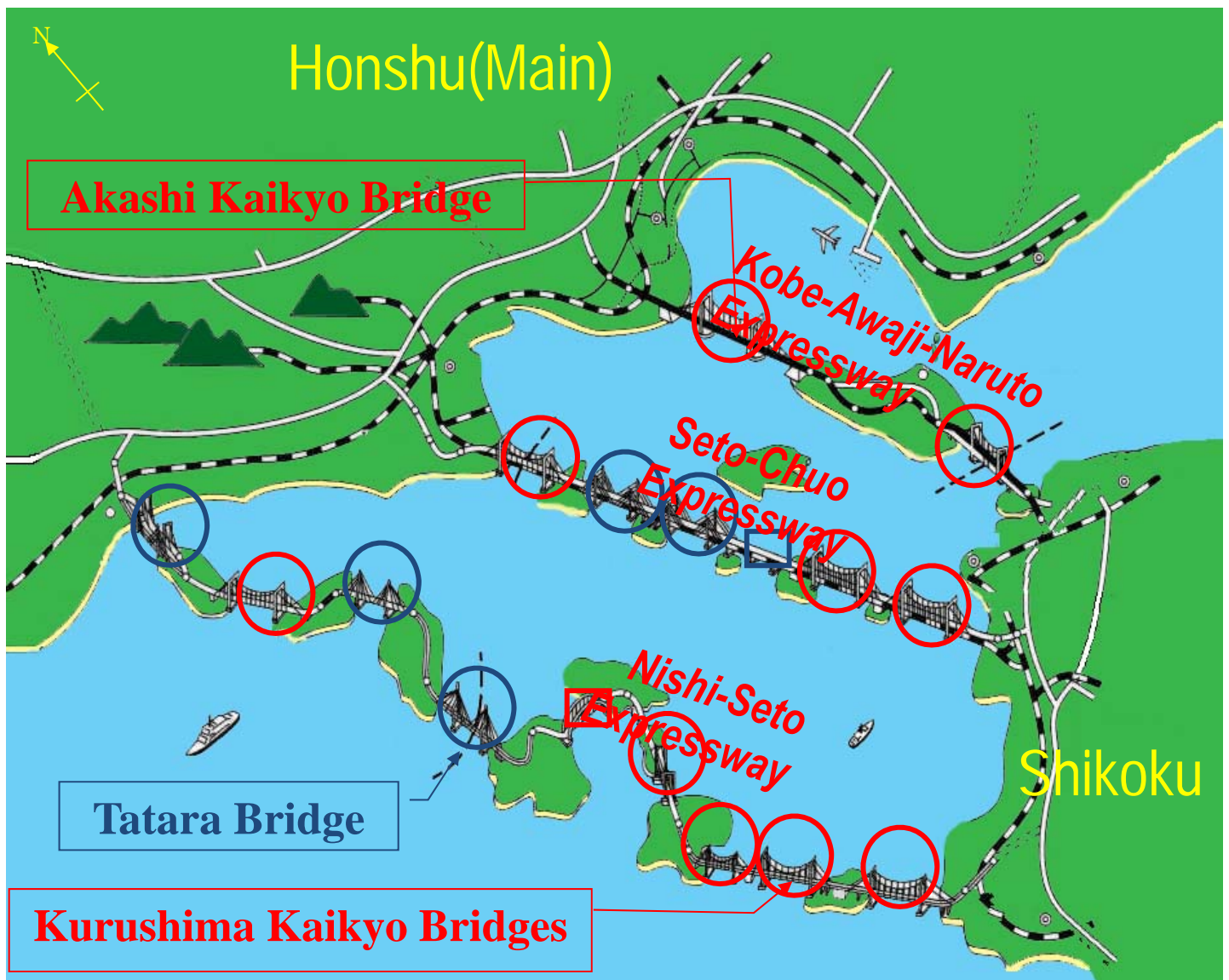
9:00 - 9:45 (Keynote V)	<p>“Global Health Monitoring System of Bridges in Finland” Mr. Ilkka Hakola, VTT Technical Research Centre of Finland, Finland</p>
9:45 - 10:30 (Keynote VI)	<p>“A Platform for Mobile Visualization of SHM Data” Dr. Dean McNeill and Mr. Matthew Woelk, University of Manitoba, Canada</p>
10:30 - 10:50	 <i>Coffee Break</i>
10:50 - 11:20	<p>“Health Monitoring of Infrastructures using an Improved Modal Strain Energy Method” Mr. Parviz Moradipour, Queensland University of Technology, Australia</p>
11:20 - 11:50	<p>“Minor Structural Damage Detection Using Chaotic Excitation Technique” Prof. Tadanobu Sato, Southeast University, China</p>
11:50 - 13:30	 <i>Lunch</i>
13:30 - 14:15 (Keynote VII)	<p>”Development and Practical Application of a Health Monitoring System for Short- and Medium-span Bridges based on Public Bus Vibration” Prof. Dr. Ayaho Miyamoto, Yamaguchi University, Japan</p>
14:15 - 14:45	<p>“Automatic Data Collection System for Innovative Bridge Health Monitoring based on Public Bus Vibration” Dr. Akito Yabe, Kozo Keikaku Engineering Inc., Japan</p>
14:45 - 15:15	<p>“Fundamental Discussions for Practical Application of Health Monitoring System for Short- and Medium-span Bridges based on Public Bus Vibration” Dr. Hisao Emoto, Yamaguchi University, Japan</p>
15:15 - 15:35	 <i>Coffee Break</i>
15:35 - 17:10	<p style="text-align: center;">Demonstration of “Bus Monitoring System” & related system</p>
17:10 - 17:30	<p style="text-align: center;"><i>Closing session</i></p>
19:00 - 21:00	 <i>Workshop Banquet</i>

Final Program

26th(Sat) Oct. 2013

7:00 -19:00

*Technical tour to
"Shimanami Route" on
the Honsyu-Shikoku
Bridges site by Bus*





Main Sponsors:

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