

The 2nd International Symposium on Technologies for a Safe and Environmental Friendly Society

Main Topics

- 1. Infrastructure management (1st day)**
 - Structural health monitoring
 - Evaluation and maintenance
 - Intelligent sensors
 - Image processing
 - Engineering Computational Technology
 - etc

- 2. Functional materials (2nd day)**
 - Membrane separations
 - Sensors
 - Drug deliveries
 - Adsorbents
 - Catalytic reactors
 - etc

Tentative Program

**International Hotel Ube
Yamaguchi
JAPAN**

27th-29th Nov., 2014

Tentative Program

27th(Thu) Nov. 2014

9:00 - 9:20	<i>Opening session</i>
9:20 - 10:10 (Keynote I)	“Field Tests for Remaining Life Prediction of Aged Bridges” Prof. Ayaho Miyamoto* *Yamaguchi University, Japan
10:10 - 11:00 (Keynote II)	“Rehabilitation of Small and Medium Span Concrete Bridges ~ some examples ~” Prof. Valter J. G. Lucio* *University of New Lisbon, Portugal
11:00 - 11:20	 <i>Coffee Break</i>
11:20 - 11:50	“Service Life Prediction of an Aged Bridge based on Carbonation Tests for Cross-section Cutting-off Girders” Ms. Ratna Widyawati* *PhD Student of Yamaguchi University, Japan
11:50 - 12:20	“Web-based Tool for Load-bearing Assessments of Bridges” Prof. Risto Kiviluoma* *Aalto University, Finland
12:20 - 14:00	 <i>Lunch & Poster presentation</i>
14:00 - 14:50 (Keynote III)	“Automatic and Exact Crack Extraction from Concrete Surfaces using Image Processing Techniques” Prof. Hideaki Nakamura* *Yamaguchi University, Japan
14:50 - 15:40 (Keynote IV)	“ ? “ Prof. Jose Neira* *Zaragiza University, Spain
15:40 - 16:00	 <i>Coffee Break</i>
16:00 - 17:00	<i>Demonstration of a Bridge Inspection Technology by Radio-controlled Helicopter</i> Asst. Prof. Hisao Emoto* and Mr. Yutaka Watanabe** *Yamaguchi University, Japan **Luce Search Co. Ltd., Japan
17:00 - 18:00	<i>Poster presentation</i>
18:00 - 20:00	<i>Welcome Reception</i>

Tentative Program

28th(Fri) Nov. 2014

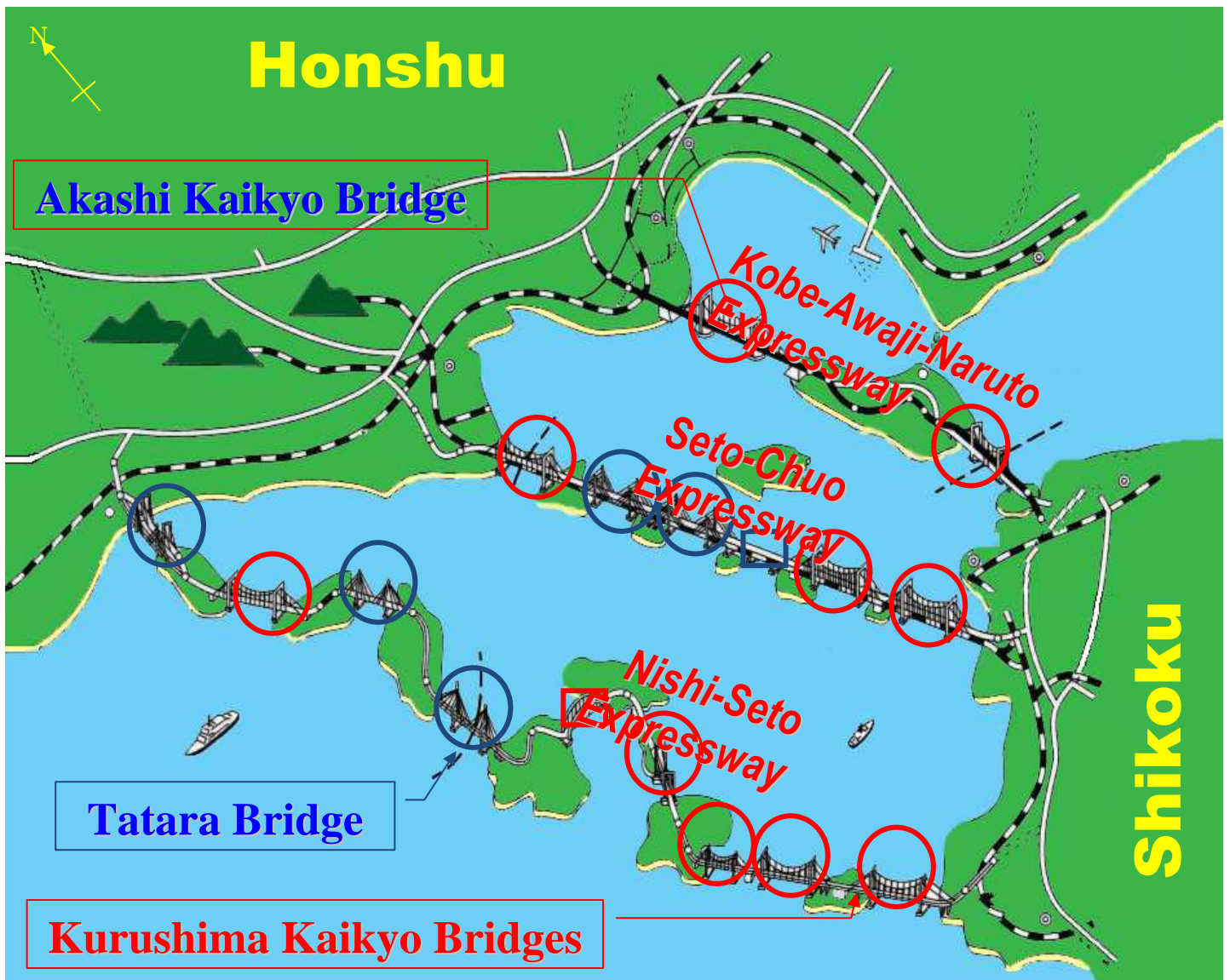
9:00 - 9:50 (Keynote V)	"Green Tyres: Nanocomposite Materials Saving Fuel" Professor Miguel Menendez Zaragoza University, Spain
9:50 - 10:40 (Keynote VI)	"Integration of Advanced Oxidation and Membrane Technologies for Zero-liquid Discharge in Water Reclamation and Reuse" Prof. Urtiaga Cantabria University, Spain
10:40 - 11:00	 <i>Coffee Break</i>
11:00 - 11:30	"Chemical and Biomedical Applications of Nano Sized Mesoporous Materials" Dr. Francisco Balas Zaragoza University, Spain
11:30 - 12:00	"Membrane reactors for water treatment" Prof. Izumi Kumakiri, Yamaguchi University, Japan
12:00 - 14:30	 <i>Lunch & Poster presentation</i>
14:30 - 15:20 (Keynote VII)	" ? " Prof. Joao Crespo Nova de Lisboa, Portugal
15:20 - 15:40	 <i>Coffee Break</i>
15:40 - 16:30 (Keynote VIII)	"Nano-porous Membranes" Prof. Hidetoshi Kita Yamaguchi University, Japan
16:30 - 17:00	<i>Panel discussion</i>
17:00 - 17:15	<i>Closing session</i>
19:00 - 21:00	 <i>Banquet</i>

Tentative Program

29th(Sat) Nov. 2014

7:00 -19:00

***Technical tour to
“Shimanami Route” on
the Honsyu-Shikoku
Bridges Site by Bus***





Main Sponsors:

Yamaguchi University

Ube City

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Electric Technology Research Foundation of Chugoku

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