

1st A n n o u n c e m e n t a n d C a l l f o r P a p e r s

IABMAS'08

The 4th International Conference on Bridge Maintenance, Safety and Management

Organized by



International Association for Bridge Maintenance and Safety
Aim: To bring together all of the very best work that has been done in the field of bridge maintenance, safety and management and to bridge the gap between theory and practice.

Hosted by



Korea Bridge Design & Engineering Research Center
under the auspices of
Korea Highway Corporation
Korea Infrastructure Safety & Technology
Korea Institute of Construction Technology

July 13-17, 2008
Seoul, Korea

www.iabmas08.org
secretariat@iabmas08.org

The International Association for Bridge Maintenance and Safety (IABMAS) encompasses all aspects of bridge maintenance, safety, and management. Specifically, it deals with: bridge repair and rehabilitation issues; bridge management systems; needs of bridge owners, financial planning, whole life costing and investment for the future; bridge related safety and risk issues; economic and other implications. The objective of IABMAS is to promote international cooperation in the fields of bridge maintenance, safety, and management for the purpose of enhancing the welfare of society. For more information about the Association, please visit the homepage of IABMAS at:

<http://www.iabmas08.org>

or

<http://civilcolorado.edu/IABMAS>



○ Venue

The IABMAS'08 Conference will be held at the “Walker Hill Sheraton Grande Hotel” in Seoul, Korea. The hotel offers remarkable panorama of the Han River, which flows through Seoul from East to West. Seoul is the capital and heart of Korea for 600 years, and plays the role of financial, political commercial, recreational and cultural center of the peninsula. It is the fifth largest city in the world with a population of 11 million. Host to the Asian Games in 1986 and the Summer Olympics in 1998, along with the World Cup in 2002, Seoul has come of age as one of the most contemporary cities in the world. Yet the past is present, the remains of ancient palaces and fortification stand side by side with skyscrapers and modern office. These were surely the reasons why the UNESCO included several Seoul's treasures in its World Heritage list.

○ Delegates

The Conference will be of interest to university researchers, representatives from all sectors of bridge engineering, bridge engineers working with transportation departments, consultants, contractors, and local authorities interested in all aspects of bridge maintenance, safety and management.

○ Call for Papers

All major aspects of bridge maintenance, safety, and management will be addressed. They include the following topics:

- Advanced materials
- Ageing of bridges
- Assessment and evaluation
- Bridge codes
- Bridge diagnostics
- Bridge management systems
- Composites
- Design for durability
- Deterioration modeling
- Emerging technologies
- Fatigue
- Field testing
- Financial planning
- Health monitoring
- High performance materials
- Innovations
- Inspection
- Load capacity assessment
- Loads
- Maintenance strategies
- New technical and material concepts
- Non-destructive testing
- Optimization strategies
- Prediction of future traffic demands
- Rehabilitation
- Repair
- Replacement
- Residual service life
- Safety and serviceability
- Service life prediction
- Strengthening
- Sustainable materials for bridges
- Sustainable bridges
- Whole life costing

○ Languages

The official language of the conference and proceedings will be English.

○ Submission of Abstract

Authors should submit 300-word abstracts to the Conference Secretariat by May 31, 2007 together with the preliminary registration form. Abstracts should be submitted in electronic form as either a plain text or Microsoft word attachment to the following website: <http://www.iabmas08.org>.

Abstracts will be reviewed by the Scientific Committee and authors will be notified regarding the acceptance of their abstracts by August 31, 2007.

Full eight-page papers and two-page abstracts will be due by November 30, 2007.

○ Publication

A two-page abstract book and a CD-ROM containing the full papers to be presented at the conference will be given to all delegates. The cost will be included in the conference fee.

○ Main Sponsor

- Samsung Engineering & Construction, Korea

○ Sponsors of IABMAS'08 (as of July, 2006)

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- KISTEC, Korea Infrastructure Safety & Technology Corporation, Korea
- KICT, Korea Institute of Construction Technology, Korea
- COSEIK, Computational Structural Engineering Institute of Korea, Korea
- KCI, Korean Concrete Institute, Korea
- KSCE, Korean Society of Civil Engineers, Korea
- KSSC, Korean Society of Steel Construction, Korea
- SISTeC, Smart Infrastructure Technology Center, KAIST, Korea

(Sponsors of IABMAS'06)

- AP - Bridge Construction Systems, Portugal
- APEE, Portuguese Association of Structural Engineering, Portugal
- A&C - Revista Arte & Construções, Portugal
- ASCE-SEI, American Society of Civil Engineers-Structural Engineering Institute, USA
- Betar Consultores, Lda, Portugal
- CALTRANS, California Department of Transportation, USA
- CDOT, Colorado Department of Transportation, Bridge and Research Branches, USA
- CMM, Portuguese Association of Steel and Composite Construction, Portugal
- CMP, Porto Municipality, Portugal
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- CU, University of Colorado at Boulder, USA
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- FEUP, University of Porto, Portugal
- FHWA, Federal Highway Administration, USA
- GBE, Portuguese Group of Structural Concrete, Portugal
- IABSE, International Association for Bridge and Structural Engineering, Swiss
- IST, Technical University of Lisbon, Portugal
- JSCE, Japan Society of Civil Engineers, Japan
- JSMS, The Society of Materials Science, Japan
- JSSC, Japanese Society of Steel Construction, Japan
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- MIDAS/Civil - Bridge design software, USA
- NSF, National Science Foundation, USA
- OE, Portuguese Society of Engineers, Portugal
- OZ- Diagnostico, Levantamento e Controlo de Qualidade, Portugal
- TRB, Transportation Research Board, USA
- T.Y. Lin, T.Y. Lin International, San Francisco, USA
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○ Accommodation

The organizers have arranged block reservation with several hotels offering special prices for the participants to this event. For further information and reservation, please contact:

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