

1 - 3 November 2006, **HONG KONG**

International Conference on BRIDGE ENGINEERING

– Challenges in the 21st Century

CALL FOR PAPERS

Please visit the website for more updates:

www.hkiecvd.org/BRIDGE2006.htm

Conference Secretariat

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ORGANISED BY
Civil Division,
The Hong Kong Institution of Engineers



SUPPORTED BY
Highways Department,
The Government of the Hong Kong SAR, China

INTRODUCTION

The International Conference on Bridge Engineering – Challenges in the 21st Century is aimed at providing a forum for dissemination of technical advances as well as exchanges of experiences and ideas among engineers, architects, academics, researchers, developers, regulatory agents and project managers at an international level. A number of keynote lectures will be presented by world renowned experts to address both the recent advances and the latest developments in bridge engineering and construction. Moreover, a number of parallel sessions will be organised to address recent developments and experiences on a wide range of technical, social, environmental, financial and management topics under various sub-themes.

CALL FOR PAPERS

CONFERENCE THEME

Authors are cordially invited to submit original and unpublished work on aspects of bridge engineering developments. Topics of interest include, but are not limited to the following:

- ❖ **Aesthetics**
- ❖ **Bridge Management Systems**
- ❖ **Case Studies and Planning Projects**
- ❖ **Codification of Bridge Design**
- ❖ **Condition Assessment and Health Monitoring**
- ❖ **Design, Analysis and Modeling**
- ❖ **Dynamics and Aerodynamics**
- ❖ **Environmental Impact Assessment**
- ❖ **High Performance Materials and Components**
- ❖ **Inspection, Rehabilitation and Retrofitting**
- ❖ **Maintenance and Evaluation**
- ❖ **Procurement, Construction and Project Management**
- ❖ **Project Financing**
- ❖ **Reliability and Risk Management**
- ❖ **Safety and Serviceability**
- ❖ **Seismic and Wind Design**
- ❖ **Security against Terrorist Attack**
- ❖ **Smart Structures**
- ❖ **Vehicle Bridge Interaction**
- ❖ **Whole Life Costing**

WHO SHOULD ATTEND

The Conference will be of interest to policy makers, government officials, planners, engineers, contractors, developers, manufacturers, academics, financial specialists and environmental professionals involved in business and development that will enhance our abilities in bridge engineering development.

CONFERENCE PROGRAMME

The Conference is planned as a two and half day programme from 1 to 3 November 2006. It will comprise keynote sessions, oral paper presentations and discussions. Local technical visits will be arranged as an optional programme during the Conference.

SUBMISSION OF ABSTRACTS

All abstracts with contact details should be submitted via the Online Abstract Form (which is available at <http://www.hkiecvd.org/BRIDGE2006.htm>.) The abstract in a maximum of 300 words should clearly indicate the aims and conclusions of the work to be described in the final paper.

Preliminary results and figures would be helpful for reviewing purposes. The abstract/paper to be submitted should be of an original nature and has not been published in whole or part by any journal/publication.

PUBLICATIONS AND PRESENTATIONS

All accepted abstracts and papers for presentation will be published in the Conference proceedings in printed or/and electronic form. Instructions to authors will be forwarded upon acceptance of the abstract.

Accepted abstracts will be sorted into relevant themes by the Technical Sub-committee. Presenters will also be requested to stipulate a preference for an oral or poster presentation. However, the Technical Sub-committee will reserve the right to allocate abstracts for either oral or poster presentations.

Authors are assumed to give consent and authorise the Organiser to publish the abstract and full presentation paper, and to include them in any conference publications.

KEY DATES

Deadline for Submission of Abstracts
30 November 2005

Notice of Provisional Acceptance
31 January 2006

Deadline for Submission of Full Papers
31 March 2006

Notice of Acceptance for Presentation
31 May 2006

LANGUAGE

English is the official language and will be adopted in all the publications and presentations.

REGISTRATION FEE

The registration fee is tentatively set at HK\$3,800 (US\$488), which cover attendance at the full conference programme, the proceedings, the conference dinner, lunches and refreshments during session breaks.

All presenting authors are required to register for the Conference. Presentation and publication in the Conference proceedings are subject to full payment of registration fee.

VENUE

Kowloon Shangri-La Hotel

KEYNOTE SPEAKERS

Prof Yozo FUJINO
Professor
Department of Civil Engineering
The University of Tokyo, Japan

Prof Niels J GIMSING
Bridge Consultant
Gimsing & Madsen Ltd
Denmark

Ir Naeem HUSSAIN
Director
Ove Arup & Partners
UK

Ir Dipl.-Ing Holger S SVENSSON
Executive Director
Leonhardt, Andra und Partner GmbH
Germany

Dr TANG Man Chung
Chairman
T. Y. Lin International
USA

Dr-Ing M. Michel VIRLOGEUX
Honorary President
The International Federation for Structural Concrete (fib)
France

More updates on the speakers will be available at the website.

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SPECO Engineering Ltd, Canada

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Senior Lecturer
Department of Civil Engineering
University of Stellenbosch, South Africa

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Professor & Consulting Dean
College of Civil Engineering
Tongji University, China

Prof YANG Yeong Bin
Dean
College of Engineering
National Taiwan University, China

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