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PRESS RELEASE

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‘Creating and Renewing Urban Structures - Tall Buildings, Bridges and Infrastructure’ IABSE Congress Chicago 2008, September 17-19, 2008

Preliminary Invitation and Call for Papers

The IABSE Congress ‘**Creating and Renewing Urban Structures – Tall Buildings, Bridges and Infrastructure**’, organised by the USA Group of IABSE, will be held in Chicago from September 17-19, 2008. The topics selected for this Congress keep in mind the ever present need for engineers worldwide to exchange information on the evolving practice of structural engineering. As the world changes, demands are put on educators and practicing engineers to develop state of the art techniques for analysing, designing, evaluating, maintaining and predicting how structures will behave. This Symposium, through various presentations, will focus on issues relating to urban habitats and their surrounding structures including tall buildings, bridges, large-scale structures and infrastructure. The Congress will address following topics:

- 1. Design Challenges:** Adaptive reuse and sustainability of structures; affordable urban environments and infrastructure; new techniques for analysis, design and construction; progressive failure, robustness, security, seismic retrofitting, serviceability, etc.
- 2. Learning from Experience:** Techniques for evaluating structures; strengthening and upgrading; forensics/failures and lessons learned; criteria for assessment, risk management and life cycle analysis
- 3. Creative Design and Construction Processes:** role of building information modeling and ICT in design and construction; new materials and technologies for design and construction; engineering ethics; means and methods (Ways and Means) of construction
- 4. Engineering as a Global Profession:** codes and standards; economic effect on design and construction; post disaster response; educational approaches in a dynamic world

Authors are invited to submit a 200 to 300 word abstract in English in accordance with the themes and topics above. Abstracts must be submitted online by October 31, 2007.

More information: www.iabse.org/chicago08



The International Association for Bridge and Structural Engineering (IABSE) comprises 4'000 members in 100 countries. Founded in 1929, IABSE deals with all aspects of planning, design, construction, maintenance and repair of civil engineering structures. To fulfil its mission, IABSE organises conferences and publishes a quarterly journal, Structural Engineering International, as well as books and reports. The Association has a number of technical groups and presents awards in recognition of outstanding contributions in the domain of structural engineering.

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