



2007-03-26/SN

IABSE / AIPC / IVBH

ETH Hönggerberg
CH-8093 Zürich,
Switzerland

Phone: +41-44-633 2647

Fax: +41-44-633 1241

secretariat@iabse.org

www.iabse.org

PRESS RELEASE

Contact: Sissel Niggeler
Phone: +41-44-633 3150
Email: niggeler@iabse.org

Call for Papers for IABSE Conference Helsinki 2008

The Conference '**Information and Communication Technology (ICT) for Bridges, Buildings and Construction Practice**' will cover the entire area of structural engineering: bridges, buildings and all types of civil engineering structures composed of any structural material. It also covers the whole life-cycle of bridges and structures from early feasibility studies to demolition. The focus is on the topics where ICT is currently used and where ICT is seen to have the greatest potential in the future. The Conference Topics will include:

- 1. ICT Applications for Information Flow and Storage:** software interoperability; tools for lifetime engineering; wireless technologies and mobile applications; web-based technologies; building and infrastructure; databases.
- 2. ICT-supported Design:** conceptual design and visualisation; advanced 3D CAD; applications of building information (BIM) and product models; measuring and modelling of the existing environment; interaction with the user and bespoke software development; academic education and research.
- 3. ICT-supported Construction and Asset Management:** bridge and infrastructure management systems; structural monitoring, measurement and sensor technologies; facilities management; take-off of quantities and cost estimation; construction planning and scheduling; computer-aided manufacturing of steel and concrete structures; construction automation.
- 4. Advanced Analysis and Simulation:** Finite-Element (FE) technologies; applied computational fluid; dynamics (CFD); modelling of actions on structures; based on measurement data; virtual reality and simulations.

Authors are invited to submit 300 word abstract (MS Word or PDF) by **September 10, 2007**, in accordance with the topics and sub-topics above. The Preliminary Invitation and detailed information on the submission of abstracts is available at:

www.iabse.org/conferences/helsinki2008/



Conference Secretariat:

IABSE Helsinki Conference 2008
Finnish Association of Civil Engineers RIL
Ms. Kaisa Venäläinen
Töölönkatu 4
00100 Helsinki, FINLAND
Phone +358 207 120 613
Fax. +358 207 120 619
Email: kaisa.venalainen@ril.fi
Web: www.iabse.org/conferences/helsinki2008

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.

For more information, contact Sissel Niggeler, Marketing and Communications Manager at above address or niggeler@iabse.org

###.