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SEVENTH INTERNATIONAL
CONFERENCE ON
STRUCTURES IN FIRE

SIF 2012

ZURICH

SWITZERLAND

JUNE 6 - 8, 2012

www.sif2012.ethz.ch

Organized by

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

EMPA

Materials Science & Technology

ORGANIZING COMMITTEE

Mario Fontana ETH Zurich, CH
Andrea Frangi ETH Zurich, CH
Markus Knobloch ETH Zurich, CH
Erich Hugi Empa Dubendorf, CH

SCIENTIFIC COMMITTEE

Chairman:

Paulo Vila Real

Track Leaders:

Jean-Marc Franssen Applications of structural fire engineering
Asif Usmani Numerical modeling
Venkatesh Kodur Concrete structures and any other topics
Kang Hai Tan Steel structures
Mario Fontana Composite structures
Andy Buchanan Timber structures and fire protection materials

The full list of the members of the Scientific Committee is published on the conference web page.

REGISTRATION FEE

	Before March 15	After March 15
Delegates	390 CHF	450 CHF
Students	250 CHF	300 CHF

The registration fee covers:

- Get together party
- Lunch and coffee services
- Printed proceedings

The printed proceedings are not included in the student's registration fee.

Conference dinner	100 CHF
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CONTACT

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CALL FOR PAPERS

The organizing committee invites you to submit extended abstracts on structural fire engineering topics. The extended abstract should be maximal 2 pages A4 in length and must provide a clear summary of the proposed paper. It should include the title of the paper and full contact information of the authors. One or two figures or tables may be included in the extended abstract.

IMPORTANT DEADLINES

Submission of extended abstracts	December 31, 2011
Notification of acceptance of abstracts	January 31, 2012
Submission of full papers	March 15, 2012
Early registration	March 15, 2012
Conference	June 6-8, 2012

LANGUAGE

The language of the conference is English.

THE CONFERENCE

The “Structures in Fire” (SiF) specialised workshop series was conceived in the late 1990’s and bore fruit in 2000 when the “First International SiF workshop” was held in Copenhagen, Denmark.

This was followed by “International SiF workshops” that were held in New Zealand in 2002, Canada in 2004 and Portugal in 2006. The title was then changed from workshop to conference, with the “International Conference on Structures in Fire” held in Singapore in 2008 and in the USA in 2010.

Now, the organizing committee and the SiF steering committee invite you to attend the “Seventh International Conference on Structures in Fire” to be held in Zurich, Switzerland from June 6 to 8, 2012.

The main mission of SiF conferences is to provide an opportunity for researchers, practitioners and engineers to share their research, technology and expertise with their peers at an international forum. The special features of the SiF conference series include high quality presentations, adequate time for presentation and discussion, single-track sessions, specific focus on “Structures in Fire” and affordable conference costs for participants.

CONFERENCE TOPICS

The focus of the conference is on the behaviour of structures under fire exposure, including the art, science and practice of structural fire engineering. The following topics are addressed:

- Fire and thermal models for fire resistance evaluation
- Numerical modeling of structures exposed to fire
- Simple calculation methods
- Experimental studies
- Material behaviour at high temperature
- Validation
- Practical applications and case studies
- Global structure fire behaviour
- Steel, concrete, masonry, timber, aluminium and composite structures
- Thermal and mechanical model interface (e.g. CFD-FE interface)

CONFERENCE VENUE

The conference will be held at the ETH Main Building in the city center of Zurich, Switzerland.