



Technische Universität Braunschweig | Institute for Building Materials,
Concrete Construction and Fire Safety (iBMB) | Division of Fire Safety
Beethovenstraße 52 | 38106 Braunschweig | Germany

Call for Papers

Symposium Safety Design – Structural Fire Engineering

14 September 2021 as a web conference

For the seventh time researchers and users meet in Braunschweig to exchange ideas on the latest developments on the topic of structural fire engineering – Eurocode design. Due to the Corona pandemic the symposium is held as a web conference this year. The symposium is an effectively scientific supplement to the Braunschweiger Brandschutz-Tage following directly. It distinguishes itself that scientists, especially young researchers but also engineers of structural design and fire protection with practical experience in structural fire engineering and numerical simulations will be discussing current problems of the structural fire engineering. In addition to scientific issues, such as experimental investigations, development of new models and research in the field of material properties, the focus of the event should be the application of structural fire engineering.

The symposium will provide an opportunity especially to present the following topics to discuss and exchange ideas:

- Fire scenarios and design fires
- Numerical simulation of fire impact on components and structures
- Numerical simulation of the thermal behaviour as well as the structural and deformation behaviour of components exposed to fire
- High temperature material properties
- Overall structural behaviour under fire exposure
- Validation and verification
- Risk methods and safety concepts
- Application examples of structural fire engineering

Please send an abstract (about 1 page) by email to k.bieneck@ibmb.tu-braunschweig.de until 31 May 2021. The contributions are accepted in German or English language.

Scientific Board

The function of the scientific board is the academic monitoring of the symposium and the review of the submitted abstracts and papers.

Members of the Scientific Board are:

Prof. Dr. Andrea Frangi, ETH Zürich, Switzerland

Prof. i. R. Dr.-Ing. Dietmar Hossler, TU Braunschweig, Germany

Prof. Dr.-Ing. Björn Kampmeier, Hochschule Magdeburg-Stendal, Germany

Dr.-Ing. Christoph Klinzmann, hhpberlin Ingenieure für Brandschutz, Germany

Prof. Dr.-Ing. Markus Knobloch, RU Bochum, Germany

Prof. Dr.-Ing. Martin Mensinger, TU München, Germany

Prof. Dr.-Ing. Peter Schaumann, LU Hannover, Germany

Prof. Dr.-Ing. Jochen Zehfuß, TU Braunschweig, Germany

Participation fee and registration

No participation fees will be charged for the web conference.

You are requested to apply in time, preferably online on the website of the Braunschweiger Brandschutz-Tage. Here you receive also further information regarding the event.

www.brandschutztage.info

For the Organizing Committee:

Univ.-Prof. Dr.-Ing. Jochen Zehfuß
Technische Universität Braunschweig
Institute of Building Materials, Concrete Construction and Fire Safety (iBMB)