

## REGISTRATION FEES

	Early registration before 31 July, 2015	Late registration after 31 July, 2015
Participants	400 €	500 €
Students	150 €	200 €
Accompanying person	120 €	150 €

### The participants fee covers:

- Participation in all scientific sessions
- The Conference Proceedings and other conference materials
- Welcome drinks
- Lunches and Coffe breaks
- Conference Banquet

### The accompanying person fee covers:

- Welcome drinks
- Lunches and Coffe breaks
- Conference Banquet

### Note that:

- For a paper to be included in the final programme of the Conference it is necessary that at least one of the authors registers for the Conference and pays her/his registration fees.
- Each registration allows the presentation of two papers.
- Students should present a supervisor's letter confirming their status
- The student fee does not cover the Conference Banquet (75 €).
- The final fee may vary if the rate of VAT in the Republic of Croatia changes, or if the changes rate of HRK to € changes significantly.

### Payment methods:

The details of payment methods, rules for cancellation and refunds are described on the Conference webpage.

#### Sponsors:

GENERAL SPONSOR:



GOLDEN SPONSOR:



SILVER SPONSORS:



[www.grad.unizg.hr/asfe2015](http://www.grad.unizg.hr/asfe2015)

## ABSTRACTS

We invite prospective authors to submit Abstracts on any of the above topics. These should be written in English, and have a length of 200-300 words, indicating the title of the paper, authors, affiliations, address, and other contact details including email address. An Abstract may be sent by e-mail to the Conference Secretariat.

## PAPER AND POSTER COMPETITIONS

Competitions for excellent research student papers and posters, as well as an open poster competition, are a tradition of the ASFE conferences. These will again be held.

## IMPORTANT DATES

Submission of Abstracts	31 January 2015
Acceptance of Abstracts	15 February 2015
Submission of Full Papers	31 May 2015
Notification of papers reviewing	30 June 2015
Final submission of papers	31 July 2015
Early Registration	31 July 2015
Conference	15-16 October 2015

All papers accepted for the conference will be fully published (in printed form) in the book of proceedings as well as in digital form (on a CD).

## SECRETARIAT AND INFORMATION

General secretariat and information:

Marija Jelčić Rukavina  
[asfe@grad.hr](mailto:asfe@grad.hr)

Information about hotel reservation and payment:

Dragana Krišić  
[dragana@aragosa.hr](mailto:dragana@aragosa.hr)

[www.grad.unizg.hr/asfe2015](http://www.grad.unizg.hr/asfe2015)

# CALL FOR PAPERS

4th International Conference

## APPLICATIONS OF STRUCTURAL FIRE ENGINEERING

# ASFE'15



University of Zagreb  
Faculty of Civil Engineering



Organized by:



Czech Technical University  
in Prague

Under the auspices of:



Ministry of Construction and Physical Planning  
MINISTARSTVO GRADITELJSTVA I PROSTORNOGA UREĐENJA



HRVATSKA UDRUGA ZA  
ZAŠTITU OD POŽARA



CROATIAN  
FIRE FIGHTING  
ASSOCIATION



HRVATSKA KOMORA INŽENJERA STROJARSTVA



Croatian Chamber  
of Civil Engineers



CROATIAN  
CHAMBER  
OF ELECTRICAL  
ENGINEERS



Croatian Chamber of Architects

## • INTRODUCTION

ASFE'15 conference is a continuation of the previous three international conferences held in Prague (2009, 2011 and 2013), whose main aim is to bring together experts and specialists in design against fire from all over the World to share ideas and to acquire knowledge in this field.

European practice in structural engineering is tending more and more to accepting the benefits to be gained from performance-based approaches, supported by advanced analytical methods and software tools, to the design of structures for fire resistance. This conference will, at first, focus on the application of advanced fire-resistant design methods, both manual and computational, for structures made of various building materials. Particularly relevant themes will be fire modelling, simulation of the heat transfer between fire and structure, and modelling of structural behaviour at elevated temperatures using numerical methods or software implementations of the structural Eurocodes. Case studies showing successful applications of performance-based structural fire safety design, as well as new research studies on the relationships between experimental findings, calculation methods and FE simulations are welcome. Furthermore, the new Energy Performance of Buildings Directive (EPBD, 2012y), stipulates that member states must ensure that the energy performance of buildings is upgraded to comply with energy performance requirements. Due to the increased fire risks entailed during construction of new structures and renovation work of existing structures or afterwards, synergy of energy efficiency and fire safety of buildings will be discussed.

## • VENUE AND ACCOMMODATION

The Conference will be held in the city of Dubrovnik, the pearl of the Adriatic coast in Hotel Valamar Lacroma Dubrovnik.

ASFE'15 conference participants will receive special prices at Valamar Lacroma and nearby Tirena Hotel Dubrovnik.

As Dubrovnik is a very attractive tourist destination, participants should book their reservation as early as possible.

The details of payment methods, rules for cancellation and refunds for accommodation are described on the Conference webpage.

[www.grad.unizg.hr/asfe2015](http://www.grad.unizg.hr/asfe2015)

## • CONFERENCE LANGUAGE

The working language of the Conference will be English, which will be used for all presentations and printed materials.

## • CONFERENCE TOPICS

1. Fire and smoke development
2. Material behaviour at high temperatures
3. Structural response in fire
4. Energy efficiency and fire safety
5. Evacuation and human behaviour in fire
6. Fire safety regulations
7. Fire brigade investigation reports

Case studies and good practice examples in all of the above listed topics are highly welcomed.

## • STEERING COMMITTEE

WALD František, Czech Republic, chairman

BJEGOVIĆ Dubravka, Croatia  
BLOCK Florian, Germany  
BURGESS Ian, United Kingdom  
SCHAUMANN Peter, Germany  
VILA REAL Paulo, Portugal  
WANG Yong, United Kingdom

## • SCIENTIFIC COMMITTEE

BURGESS Ian, United Kingdom, chairman

ALI Faris, United Kingdom  
BANJAD PEČUR Ivana, Croatia  
BISBY Luke A., United Kingdom  
BJEGOVIĆ Dubravka, Croatia  
BLOCK Florian, Germany  
BOSTRÖM Lars, Sweden  
CVETKOVSKA Meri, FYR Macedonia  
DEHN Frank, Germany

[www.grad.unizg.hr/asfe2015](http://www.grad.unizg.hr/asfe2015)

DRAKULIĆ Miodrag, Croatia  
FRANSSEN Jean-Marc, Belgium  
GAMBAROVA Pietro, Italy  
HAJDUKOVIĆ Milan, Slovenia  
HOZJAN Tomaž, Slovenia  
KODUR Venkatesh, USA  
LI Guo Qiang, China  
MILANKO Verica, Serbia  
NIGRO Emidio, Italy  
PEROŠ Bernardin, Croatia  
RAJČIĆ Vlatka, Croatia  
REIN Guillermo, United Kingdom  
SELAMET Serdar, Turkey  
SCHAUMANN Peter, Germany  
TAERWE Luc, Belgium  
TAN Kang Hai, Singapore  
VELJKOVIC Milan, Sweden  
VIDAKOVIĆ Milutin, Serbia  
VILA REAL Paulo, Portugal  
WALD František, Czech Republic  
WANG Yong, United Kingdom  
ZAHARIA Raul, Romania  
ZHAO Bin, France

## • ORGANIZING COMMITTEE

DRAKULIĆ Miodrag, Croatia, chairman  
JELČIĆ RUKAVINA Marija, Croatia, secretary

ALAGUŠIĆ Marina, Croatia  
ANTIĆ Miljenko, Croatia  
BJEGOVIĆ Dubravka, Croatia  
BANJAD PEČUR, Ivana, Croatia  
CAREVIĆ Milan, Croatia  
HOROVA Kamila, Czech Republic  
GABRIJEL Ivan, Croatia  
KIŠIČEK Tomislav, Croatia  
MERČEP Miroslav, Croatia  
MILOVANOVIĆ Bojan, Croatia  
SKEJIĆ Davor, Croatia  
WALD František, Czech Republic

[www.grad.unizg.hr/asfe2015](http://www.grad.unizg.hr/asfe2015)