



**CALL FOR PAPERS**  
**12<sup>th</sup> International Symposium on Fire Safety Science**  
**Lund University, Sweden**  
**June 12 – 16, 2017**



The International Association for Fire Safety Science (IAFSS) is proudly announcing that the 12th International Symposium on Fire Safety Science will be held on June 12–16, 2017 at Lund University, Sweden (<http://www.lunduniversity.lu.se/>).

The Symposium is the premier fire safety science meeting in the world and has been organized triennially since 1985 by the IAFSS. The program will have parallel sessions for the presentation of fully peer-reviewed papers over the five days of the Symposium, including invited lectures from the world's top fire science researchers. Symposium activities will begin on Sunday, June 11 with several workshops during the day and a Welcome Reception in the evening. The Symposium will also have poster sessions which will provide an excellent opportunity to interact individually with researchers about their most recent work. Students are encouraged to participate and awards will be granted for the best student presentations. In addition to the technical sessions, numerous social activities are planned to cater for informal meetings with colleagues and friends. There will also be a wide range of entertainment and tours in the companion program. Southern Sweden combines rural and urban areas, as well as a marvellous nature within a well accessible area.

### **Host Venue**

The Symposium will be held at the Technical Faculty Campus at Lund University ([http://www.lth.se/fileadmin/virtuell\\_flygtur/en/](http://www.lth.se/fileadmin/virtuell_flygtur/en/)). Lund University is a world-class university and it is ranked as one of the top 100 Universities in the world. The city of Lund was founded around year 990 and in 1085 the first school was founded in the city, which makes Lund the oldest seat of learning in Scandinavia. Lund University was officially founded in 1666 and today it has over 42,000 students enrolled. There has been active and well-known research in Fire Science at Lund University since the 1960s. The Division of Fire

Safety Engineering (<http://www.brand.lth.se>) is involved in both bachelor and master programs in Fire Safety Engineering, with a yearly enrollment of around 60 new students in these programs.

The Lund city center is accessible due to its small size, which makes it easy to travel both by foot and by the well-developed public transport system. There are also very good connections with the rest of the region and the world. The international airport in Copenhagen is only 35 minutes away by train. Copenhagen airport is the largest airport in Scandinavia and easy to reach from most major international airports.

### Registration and Accommodation

Symposium registration and hotel booking for participants and their companions will be available via links from the Symposium website at <http://www.iafss2017.se> in late 2016. The registration will include online access to full papers and posters.

### Research of Interest

You are invited to submit a contribution that advances scientific understanding and/or presents new ideas in the entire spectrum of fire safety science. The topic areas include:

- **Material Behavior in Fires** (including Ignition, Pyrolysis, Flame Spread, Flame Retardants, Smouldering)
- **Fire Dynamics** (including Compartment Fires, Pool Fires, Fire Plumes)
- **Fire Emissions and Toxicity**
- **Tunnel Fires**
- **Structures in Fire**
- **Fire Suppression**
- **Wildland Fires**
- **Explosions and Industrial Fires**
- **Evacuation and Human Behavior**
- **Special Topics** (including Fire Safety Engineering, Environmental Fire Impact, Sustainability, Fire Forensics)

Full papers and poster abstracts will be accepted on the basis of their quality and originality in the science of fire safety and its applications. Routine applications of established knowledge and case studies with no generalized results are not appropriate for the Symposium. Refer to prior Symposium proceedings for further information on the scope of contributed papers (<http://www.iafss.org/publications>).

All accepted and presented papers will be included in the Symposium Proceeding, *Fire Safety Science*, and will be electronically published by IAFSS (<http://www.iafss.org/publications>). All papers will have an assigned DOI and will be part of the CrossRef system, including citation indexing. This assures wide dissemination of the contributions and assures that citations of the papers are fully recognized. Additionally, the option of publishing accepted papers in a fire-research-related peer-review journal is being

explored by the organizers and further details on the publication options will be made available before the submission deadline.

### Requirements

**Papers:** Must be original work. The same paper must not have been submitted to another forum.

**Style:** All papers must be in English. Detailed information for authors on style, including paper length, format, *etc.*, and a paper template will be available via a link on the IAFSS web page (<http://www.iafss.org>). The Symposium offers an English mentoring program. However, the mentoring service will be provided on the basis of technical merit of the paper and the reviewers' recommendation. Poorly written papers will not be considered.

**Oral Presentation:** Oral presentation of the paper at the Symposium must be made by an author.

### Review Process

Submitted full papers will receive at least two independent peer reviews. Reviewers will be appointed by members of the Program Committee. Final decisions on acceptance or rejection of a manuscript will be made by the 12th Symposium Program Co-Chairs.

Authors will be notified of the Program Committee's preliminary decision by January 15, 2017. Notifications will include reviewers' comments and if accepted, detailed style guidelines for the final version of the paper, and the deadline for delivering a revised version in which all reviewers' comments have been addressed (February 15, 2017). Authors will be notified of the Program Co-Chairs' final decision by March 15, 2017. This final decision will be based on compliance of the revised papers with both the reviewers' comments and the formatting requirements of IAFSS publications.

### Submitting Your Full Paper

Manuscripts should be submitted electronically, beginning September 15, 2016, through the Symposium author web page that will be available via a link on the IAFSS web page (<http://www.iafss.org>).

The submission deadline for papers is October 15, 2016. Papers submitted after October 15, 2016, will not be considered.

### Submitting Your Poster Abstract

A Call for Posters will be issued in Summer 2016, which will provide details on poster abstract requirements. Posters may describe work in progress, or completed projects. To assure the inclusion of recent research, the submission deadline for poster abstracts is March 31, 2016. Poster abstracts will be reviewed by the 12th Symposium Program Committee.

### 12th IAFSS Symposium Timeline

#### **Full Papers**

October 15, 2016                      – Submission deadline for full papers

- |                   |  |
|-------------------|--|
| January 15, 2017  | – Authors notified of preliminary accept/reject decision |
| February 15, 2017 | – Deadline for submission of the revised accepted papers |
| March 15, 2017    | – Authors notified of final accept/reject decision       |
| March 31, 2017    | – Final submission deadline for photo-ready copy         |

**Posters**

- |                |  |
|----------------|--|
| Summer 2016    | – Call for poster abstracts                  |
| March 31, 2017 | – Submission deadline for poster abstracts   |
| April 15, 2017 | – Authors notified of accept/reject decision |
| May 15, 2017   | – Poster submission for web posting          |

**Symposium**

- |                  |   |
|------------------|---|
| May 31, 2017     | – Web publication of all papers and posters |
| June 12-16, 2017 | – 12th IAFSS Symposium                      |

**Additional Information**

If you would like more information on the arrangements for the upcoming Symposium, please visit the IAFSS website at <http://www.iafss.org> or contact the Local Host Committee at <http://www.iafss2017.se>.

**Symposium Chair**

Professor E Galea, Chair, U Greenwich, UK  
 Professor K Boyce, Co-Chair, Ulster U, UK

**Symposium Host Committee Chair**

Professor D Nilsson, Lund U, Sweden

**Symposium Proceedings Editors**

Professor E Weckman, U Waterloo, Canada

**Symposium Awards Committee**

Dr A Hamins, Chair, National Institute of Standards and Technology, USA

**Symposium English Language Mentoring Program**

Dr C Wade, Building Research Association of New Zealand, New Zealand

**Symposium Program Committee**

Professor B Merci, Co-Chair, Ghent U, Belgium  
 Professor A Trouvé, Co-Chair, U Maryland, USA

Professor N Liu, Poster Chair, U Science Technology China, China  
 Dr T Hakkarainen, Workshop Co-Chair, VTT Technical Research Ctr. of Finland, Finland  
 Dr A Steen-Hansen, Workshop Co-Chair, SP Fire Research, Norway

**Members**

Professor L Bisby, U Edinburg, UK  
 Professor R Carvel, U Edinburg, UK  
 Dr M Chaos, FM Global, USA  
 Professor B Dlugogorski, Murdoch U, Australia  
 Professor R Dobashi, U of Tokyo, Japan  
 Dr S Dorofeev, FM Global, USA

Dr R Fahy, National Fire Protection Association, USA  
Professor C Fleischmann, U Canterbury, New Zealand  
Professor JM Franssen, U Liège, Belgium  
Professor M Gollner, U Maryland, USA  
Professor R Hadden, U Edinburg, UK  
Professor Y He, U Western Sydney, Australia  
Professor S Hostikka, Aalto U, Finland  
Professor H Ingason, SP Technical Research Institute of Sweden, Sweden  
Professor A Jeffers, U Michigan, USA  
Dr S McAllister, USDA Forest Service, USA  
Dr R McDermott, National Institute of Standards and Technology, USA  
Professor B Meacham, Worcester Polytechnic Institute, USA  
Professor Y Nakamura, Toyohashi U Technology, Japan  
Professor V Novozhilov, Victoria U, Australia  
Professor G Rein, Imperial College, UK  
Professor T Rogaume, Poitiers U, USA  
Professor A Sekizawa, Tokyo U Science, Japan  
Professor A Snegirev, St Petersburg Polytechnic U, Russia  
Professor M Spearpoint, U Canterbury, New Zealand  
Professor A Stec, U Central Lancashire, UK  
Professor S Stoliarov, U Maryland, USA  
Dr Y Wang, FM Global, USA