

# 9th Asia-Oceania Symposium on Fire Science and Technology

HEFEI CHINA

17-20 OCTOBER 2012

## CALL FOR PAPERS

9th Asia-Oceania Symposium on Fire Science and Technology

The State Key Laboratory of Fire Science (SKLFS) at the University of Science and Technology of China (USTC), is preparing to host 9th Asia-Oceania Symposium on Fire Science & Technology (9th AOSFST), which will be held on October 17-20, 2012. This symposium is held by the Asia-Oceania Association for Fire Science and Technology (AOAFST) which is under the International Association for Fire Safety Science (IAFSS). The Symposium is the premier fire safety science meeting in the Asia-Oceania region and has been organized since 1992 by AOAFST. The two most recent symposiums were held successfully in Hong Kong and Australia in 2007 and 2010 respectively.

The 9th AOSFST will include invited lectures from the world's top fire science researchers and presentations of peer-reviewed papers. Poster sessions will provide an excellent opportunity to interact individually with researchers about their most recent work. In addition to the technical sessions, several social activities are planned to provide opportunities for participants to meet with other colleagues and friends from around the world.

Established in 1958 to meet the needs of the nation, USTC is located in Hefei of China. Hefei is an ancient city over 2000 years old, and has been developing rapidly to a modern city. The birth of USTC was regarded as a major event in the Chinese history of education and science. Since then, USTC has been firmly devoted to basic research and original innovation in order to cultivate talent and capacity for dealing with key issues in China's development of science and technology. Despite twists and turns over the years, it has achieved great successes and created a unique approach to higher education that is the most suitable for the situations in China. Its impressive accomplishments have been praised by many people in the academic world.

The State Key Laboratory of Fire Science (SKLFS) has a long tradition of conducting outstanding fire research and providing comprehensive education in fire safety. SKLFS carries out frontier basic and interdisciplinary researches that combine state-of-the-art knowledge and approaches of chemistry, physics, mechanics, thermo-physics (heat transfer, combustion, etc.), information science, computer science, electronics, automation and material science to investigate fire dynamics and basic principles of fire safety technologies.

## Research of Interest

The symposium is intended to disseminate and discuss peer reviewed scientific research focused on fire science and engineering. You are invited to submit a contribution that advances scientific understanding and presents or advances new ideas on any topic in the entire spectrum of fire safety science. See the list of topics below. Papers and poster abstracts will be accepted on the basis of their quality and originality in the science of fire safety and its applications. Refer to prior symposium proceedings for further information on the scope of contributed papers (<http://www.iafss.org/publications/aofst/info/>).

## 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 are available at the Symposium website (<http://aofst.csp.science.cn/>), also linked at the IAFSS website (<http://www.iafss.org>).

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

## Symposium Topics

- Fire physics and Chemistry
- Fire and Smoke modeling
- Human-fire interactions
- Fire statistics and risk assessment
- Fire safety design and code
- Structure response to fire
- Fire properties and testing methods of materials
- Suppression, Detection, and Smoke Management
- Urban, WUI, Forest fires
- Special topics (fire investigation, fire reconstruction, fire service needs, transportation fires, industrial fires)

## Submitting Your Full Paper

Manuscripts should be submitted electronically, beginning 1 March 2012 through the Login button on the homepage of the symposium website (<http://aofst.csp.science.cn/>).

The submission deadline for papers is 30 April 2012. Papers submitted after 7 May 2012 will not be considered. Papers submitted between 30 April and 7 May will be reviewed, however, timely submissions will be given preference in determining acceptance.

All accepted and presented papers will be included in the symposium proceedings, which will be published electronically by the journal of Procedia Engineering on the Elsevier ScienceDirect system. All papers will have DOI's assigned and will be part of the CrossRef system, including citation indexing. All papers are expected to be indexed by Scopus and EI Compendex. Also the index by the ISI-CPCI (Conference Proceedings Citation Index) is expected. This assures the best possible dissemination of the contributions and assures that the citations of the papers will be fully recognized.

## Submitting Your Poster Abstract

A Call for Posters will be issued with 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 30 May 2012. Poster abstracts will be reviewed by the Technical Committee.

## Review Process

Papers will receive at least two independent peer reviews of the full paper. Reviewers will be allocated by members of the Technical Committee. Final acceptance or rejection of a manuscript will be made by the Symposium Technical Committee. Authors for full papers and posters will be notified of the Technical Committee's decision by 30 June 2012. Notification will include reviewers' comments, detailed style guidelines for the final version of the paper for publication, and the deadline for delivering a final version in which all reviewers' comments have been addressed. The proceedings will include all accepted papers that are presented by an author at the symposium provided that reviewer comments are addressed and the final versions are approved by the Technical Committee Chair by 30 July 2012, and the final photoready paper is submitted to the Elsevier by 15 August 2012.

## 9th AOSFST Symposium Timeline

- **Invited papers**  
29 February 2012 – Determination of plenary and invited speakers.  
15 August 2012 – Final submission deadline for photoready copy.
- **Full papers and posters**  
30 April 2012 – Submission deadline of full papers.  
30 May 2012 – Submission deadline of posters.  
30 June 2012 – Letter to authors announcing paper acceptance/declination.  
30 July 2012 – Deadline for approval of the final manuscript by Technical Committee.  
15 August 2012 – Final submission deadline for photoready copy.
- **Symposium**  
October 2012 – Web publication of all papers and posters.  
17 to 20 October 2012 – 9th AOSFST.

## Host Venue

The Symposium will be held in Hefei, China. The detailed venue including information of hotel booking for participants and their companions will be available in due time at the Symposium website (<http://aosfst.csp.escience.cn/>). Meeting registration will include online access to full papers and posters as well as a hard copy of the symposium proceedings to be produced after the symposium.

## Symposium Committee

### Symposium Organizing Committee

Prof. Weicheng Fan, SKLFS, USTC (Chair)  
Prof. Heping Zhang, SKLFS, USTC (co-Chair)  
Prof. Naian Liu, SKLFS, USTC (co-Chair)

### Symposium Proceedings Editor

Prof. Tanaka Takeyoshi, Kyoto University  
Prof. Naian Liu, SKLFS, USTC  
Dr. NK Fong, The Hong Kong Polytechnic University

### Symposium Technical Committee

Prof. Tanaka Takeyoshi, Kyoto University (Chair)  
Members: Please refer to the details on website

## Local Information

Hefei is the capital city of the Anhui province. The city is an ancient city over 2000 years old, located at the shore of ChaoHu Lake, one of the five largest freshwater lakes in China, and was awarded "Best Case City in Urban Competitiveness" in 2010 and "Top 10 Happiest Cities In China" in 2011. It is a lovely and attractive place to visit. There are also many famous landmarks in Anhui Province, including Yellow Mountain, the most beautiful mountain in China, and Jiuhua Mountain, one of the four sacred mountains of Chinese Buddhism. Moreover, the local opera (Huangmei opera) and culinary enjoyments shouldn't be neglected. The average day time temperature of Hefei in October is 20°C; the average night time temperature is 16°C. Welcome to Hefei in 2012!

If you would like more information on the arrangements for the upcoming Symposium, please contact Symposium secretariat, Asso. Prof. Jie Ji at [aosfst2012@ustc.edu.cn](mailto:aosfst2012@ustc.edu.cn).

