

Call for papers

14th Asia-Oceania Symposium on Fire Science and Technology

AOSFST 2027

Hefei, China • October 25-29, 2027

We are pleased to invite you to the **14th Asia-Oceania Symposium on Fire Science and Technology (AOSFST 2027)**, taking place in Hefei, China, from October 25 to 29, 2027.

Since the inaugural event in 1992, the symposium, organized by the Asia-Oceania Association for Fire Science and Technology (AOAFST) under the auspices of the International Association for Fire Safety Science (IAFSS), has become an important scientific event occurring approximately every three years. It aligns with the mid-cycle of various international fire symposia, fostering continuous dialogue within the field.

This year's symposium will showcase a strong lineup of peer-reviewed paper presentations and keynote lectures by distinguished fire researchers and engineers from around the world, along with poster and image sessions covering a diverse range of topics in the field.

The Asia-Oceania region is at the forefront of innovation in fire science and technology. We warmly welcome participants from this region and from around the world to join us in advancing fire safety science.

01 Research topics

The following is a list of provisional topics:

- **Material Flammability, Toxicity, and Related Testing Methods** (including fire retardants, small- and large-scale testing)
- **Flame Dynamics and Fire Spread** (including ignition, pyrolysis, smoldering, flame behavior in fires and explosions, and heat transfer)
- **Building and Structural Fire Safety** (including compartment fires, spill plumes, high-rise building fires, and structural fire resistance)
- **Fire Protection, Firefighting, and Rescue** (including detection, suppression, smoke control, and emergency response)
- **Fire Safety in Land Transportation** (including road vehicles, rail systems, and tunnels)
- **Fire Safety in Maritime Transportation** (including ships, ports, and marine operations)
- **Fire Safety in Aviation and Space** (including aircraft, spacecraft, and space habitats)
- **AI and Digital Technologies for Fire Safety** (including machine learning and fire prediction, intelligent monitoring, digital twins, and decision support)
- **Fire Safety in New Energy Systems** (including batteries, hydrogen, and renewable energy systems)
- **Wildland and Large Outdoor Fires** (including forest fires, bushfires, wildland–urban interface fires, urban fires, and community protection)
- **Evacuation and Human Behavior** (including evacuation modeling, emergency communication, and vulnerable populations)
- **Fire Risk Assessment, Safety Design and Special Applications** (including fire and explosion risks, fire codes, environmental impacts and fire investigation)

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02 Symposium timeline

Full papers

APR. 30, 2027	Full paper submission deadline
JUN. 30, 2027	Notification of paper review results and final acceptance decisions for the symposium
AUG. 16, 2027	Revised paper submission deadline

Posters and images

JUL. 16, 2027	Poster abstract and image submission deadline
AUG. 2, 2027	Notification of poster and image acceptance decisions



03 Paper submission

We welcome submissions of original full papers of up to 16 pages through EasyChair by April 30, 2027. Authors are kindly asked to follow the manuscript template available on the symposium website and ensure that their work has not been submitted elsewhere. Notifications of final acceptance for the symposium will be sent by June 30, 2027. Authors of accepted papers will have until August 16, 2027, to submit their revised manuscripts. Following evaluation of the revised papers, selected papers may be recommended for consideration in SCI(E) journal special issues.

04 Venue

The symposium will be held at **Steigenberger Icons Hefei**, located in Hefei's Binhu New Area near Chao Lake. Hefei is one of China's comprehensive national science centers and a major hub for scientific research and technological innovation. Steigenberger Icons Hefei offers an excellent setting for AOSFST 2027 and for academic exchange among participants from across the Asia-Oceania region and around the world.



Huangmei Opera





Steigenberger Icons Hefei and Chao Lake

05 Contact

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See you in Hefei!