

# Fire and Materials 2021



16th International Conference and Exhibition  
1-3 February 2021  
Hyatt Centric Hotel, San Francisco, California, USA

## CALL FOR PAPERS

Submission Deadline 1 June 2020

29 years after our first event in Washington, this major international forum still focuses on the fire performance of materials and the products into which they are made. This is increasingly relevant to those working in the materials and construction industries and the associated research and regulatory sectors. The conference focuses on the needs of manufacturers, their customers, designers and regulators, who require up-to-date information on fire issues, including new materials, applications, assessment techniques and regulatory requirements. Papers on fire chemistry flame retardants, FR applications and modelling are welcomed, along with those on fire performance in construction, electro technical and transport applications. The conference also addresses specific topical issues and over the last decade, introduced parallel sessions on fire investigation, large outdoor fires including wildland urban interface fire studies and façade fires.

### Technical Presentations

The Programme Committee has targeted specific areas for presentation and invites papers on the following:

Chemistry in Fire	Façade Fires
Combustion Toxicity	Materials Behavior in Fire
Large Outdoor Fires	Wildland Urban Interface Fire Studies
Environmental Concerns	Fire Dynamics
Fire retardants, including Nanocomposites	Fire Safety Engineering
Modelling including Pyrolysis Modelling	Fire Hazard and Risk Assessment
Fires in Tunnels, Vehicles and Transportation	Fire Safety of Building Contents
Fire and Building Products	Electrical fires including cables and Li-ion Battery Fires
Fire Resistance	Test Methods and Measurement Challenges
Fire Safety Codes and Regulations	Fire Investigation

### Submission Dates for Abstracts and Papers

To offer a paper, send a maximum 2 page abstract, including tables and images, for review before **June 1, 2020**. (Format: A4 paper, 1 inch margins, 11pt Arial font, max 2 pages) to: **Stephen Grayson, Fire and Materials 2021. Email: [conference@intersciencecomms.co.uk](mailto:conference@intersciencecomms.co.uk)**

Authors will be advised of acceptance by **September 1, 2020**. Final version of the full paper is required by **November 1, 2020**. Papers will be eligible for publication in Fire and Materials Journal. 1 speaker per technical paper will be entitled to register for the conference at a discounted rate.

**Programme Committee:** Stephen Grayson, *Interscience Communications, UK*; Vytenis Babrauskas, *Fire Science & Technology Inc, USA*; Marcelo Hirschler, *GBH International, USA*; Anja Hofmann, *BAM, Germany*; Marc Janssens, *SWRI, USA*; Patrick Van Hees, *Lund Univ, Sweden*;

**Scientific Committee:** Serge Bourbigot, *ENSCL, France*; Steven Craft, *CHM Fire Consultants, Canada*; Nicholas Dembsey, *WPI, USA*; Richard Gann, *NIST, USA*; John Gale, *York Univ, Canada*; Eric Guillaume, *Efectis, France*; Tuula Hakkarainen, *VTT, Finland*; Robert Jansson McNamee, *Brandskyddslaget, Sweden*; Brian Lattimer, *Virginia Tech, USA*; Sergei Levchik, *ICL-Group, USA*; Christine Lukas, *Dow Chemical Co, UK*; Richard Lyon, *FAA, USA*; Samuel Manzello, *NIST, USA*; Alexander Morgan, *Univ of Dayton, USA*; Daniel Nilsson, *Univ of Canterbury, New Zealand*; Bernhard Schartel, *BAM, Germany*; Anne Steen-Hansen, *NTNU, Norway*; Björn Sundström, *Brandforsk, Sweden*; Colleen Wade, *BRANZ, New Zealand*; Yi Wang, *FM Global, USA*; Koichi Yoshida, *Yokohama National Univ, Japan*; Hideki Yoshioka, *NILIM, Japan*; Mauro Zammarano, *NIST, USA*

