

## Fire Technology

FT is the interdisciplinary journal of the **National Fire Protection Association (NFPA)**, the **Society of Fire Protection Engineers (SFPE)** and **Springer Nature**, spanning the whole range of fire safety science and engineering. It is the oldest fire journal, publishing continuously since 1965.

- *Impact Factor: 1.671*
- *5-year impact factor: 1.945*
- *CiteScore: 3.60*

The aims are to support and advocate for research and education in fire safety engineering and reduce the worldwide burden of fire hazards.

## Paper Submission

Authors are encouraged to submit high-quality, original work that has neither appeared in, nor is under consideration by, other journals. All open submissions will be peer reviewed subject to the standards of the journal. Manuscripts based on previously published conference papers must be extended substantially.

The journal accepts three types of manuscripts (*full papers, case studies, and short communications*). Letters to the Editor are also considered. Manuscripts should be submitted to: <http://fire.edmgr.com>. Please choose article type "**SI: Façade Flammability and Fire Engineering**".

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# Call for Papers: Special Issue

## Facade Flammability and Fire Engineering

### Guest Editors:

Dr. Xinyan Huang, Hong Kong PolyU, China

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**Paper submission deadline: 28<sup>th</sup> Feb 2021**

Fires involving facades of tall buildings are increasing their worldwide frequency and occurring more than once per month. Facade fires put many people at risk and are responsible for many casualties and large economic losses. The 2017 tragic fire in Grenfell Tower, London, was one of the most devastating fires that caused more than 70 deaths and raised the profile of facade fire hazard. It is vital for the fire research community to address pending issues related to facade fires.



Improving the fire safety of facades in existing or planned tall buildings is a global effort that requires scientific, engineering, social, and economic considerations.

This special issue of *Fire Technology* is devoted to scientific studies of facade fires in fire engineering, including experiments, computer models, design, technology, and regulations. The following topics are of special interest:

- Flammability of facade components and systems
- Testing methods, design objectives, and limitations
- Spill plumes, flame spread, and structural failure
- Detection, suppression, and firefighting
- Interaction with smoke control and evacuation
- Cost-benefit analysis and performance-based design
- Forensic investigations and lessons learnt
- Scientific guidelines for codes and standards
- Education in fire engineering and training of fire service

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