

Fire Technology

FT is the interdisciplinary journal by the *National Fire Protection Association* (NFPA), the *Society of Fire Protection Engineers* (SFPE) and *Springer*, spanning the whole range of fire safety science and engineering. It is the oldest fire journal, publishing uninterruptedly since 1965. The aims are to provide 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, short communications (up to 2000 words) and case studies. Letters to the Editor are also welcome.

Manuscripts should be submitted to: <http://fire.edmgr.com>. Please choose article type “**SI: Fire Evacuation Modelling**” when submitting.

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Call for Papers: Special Issue on

Fire Evacuation Modelling

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Paper submission deadline: August 31st, 2017

Evacuation models are currently employed in fire safety engineering for the design and assessment of the life safety conditions of buildings, infrastructure and outdoor areas threatened by fire.

Papers are invited as part of a special issue of *Fire Technology* devoted to the topic of **Fire Evacuation Modelling**. Interest here is on experimental, theoretical, computational contributions and case studies that concern the following areas of fire evacuation modelling (but are not limited to):

- Enhancements to the evacuation modelling process; e.g.,
 - New evacuation modelling approaches
 - Issues with model granularity
 - Modelling of the occupant decision-making process
 - Incorporating behavioural theories into evacuation models
 - Conceptual modelling (or the development of theories for modelling)
 - Evacuation model validation
- Enhancing the relationship between models, data collection and data; e.g.,
 - New evacuation data collection methods (including new technology such as virtual reality)
 - The integration of experimentation and simulation
 - The emergence of big data, novel data technologies, etc.
- The development of models which address a broader range of topic areas (e.g., the combination of pedestrian/traffic/fire models, evacuation modelling of wildland urban interface fires)
- Innovative applications (e.g., modelling of the time periods of a fire beyond the fire event itself, including preparedness and recovery).
- Modelling of vulnerable groups (e.g., children, elderly, disabled) in fire events

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