

## Special Issue

# Science and Technology of Fire and Flame

### Message from the Guest Editor

This Special Issue aims to gather and disseminate cutting-edge research findings, reviews, and insights related to the science and technology of fire and flame. The Special Issue seeks to enhance the understanding of combustion processes, improve fire safety, and develop innovative technologies for fire prevention and control. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: combustion science, fire dynamics, fire safety engineering, sustainable combustion technologies, fire suppression systems, theoretical and computational modeling of flame dynamics, studies on flame propagation, stability and extinction, innovations in clean combustion technologies to reduce emissions, alternative fuels and their combustion characteristics, and the integration of renewable energy resources in combustion processes.

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### Guest Editor

Prof. Dr. Changxiao Shao

School of Mechanical Engineering and Automation, Harbin Institute of Technology, Shenzhen 518000, China

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### Deadline for manuscript submissions

closed (31 December 2025)



## Fire

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## About the Journal

### Message from the Editor-in-Chief

*Fire* is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire's* Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

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### Editor-in-Chief

Dr. Grant Williamson  
School of Biological Sciences, University of Tasmania, Private Bag 55,  
Hobart, TAS 7001, Australia

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