

## Special Issue

# Fire Safety in Polymeric Composite Materials: Design, Simulation, and Testing

### Message from the Guest Editors

The Special Issue focuses on advancing the understanding and application of fire-safe materials in various scenarios. This issue invites contributions on innovative fire-retardant designs, hybrid composite systems, and state-of-the-art simulation tools to address fire safety challenges. Topics include the synthesis and characterization of polymeric and hybrid materials with enhanced flame-retardant properties, predictive fire modelling techniques, and experimental testing methodologies. By bridging the gap between material science, engineering design, and fire safety testing, this Special Issue aims to foster interdisciplinary collaboration and provide insights into sustainable and efficient solutions for fire prevention in critical applications, ensuring safety, durability, and environmental sustainability.

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### Guest Editors

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### Deadline for manuscript submissions

31 March 2026



## Polymers

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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