

## Special Issue

# Innovative Flame-Retardant Coatings for High-Performance Materials

### Message from the Guest Editors

The application of high-performance coating materials is crucial in sectors such as aerospace, electronics, construction, and transportation due to their superior attributes. However, their flammability significantly limits their broader utilization. To date, the incorporation of flame retardants has proven to be an effective strategy in enhancing the fire resistance of these coatings. To mitigate potential health and environmental concerns, it is imperative to fundamentally understand and develop coating materials with flame-retardant properties, as well as consider their impact on other crucial properties, including mechanical strength, thermal stability, smoke suppression, and processing characteristics. This Special Issue of the journal *Coatings*, entitled "Flame-Retardant Coatings for High-Performance Materials," is dedicated to showcasing recent research and advancements in the preparation, properties, and applications of high-performance flame-retardant coatings.

### Guest Editors

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### Deadline for manuscript submissions

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## Coatings

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## About the Journal

### Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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### Editors-in-Chief

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