

Special Issue

Flame Retardant Coatings for Plastics and Textiles

Message from the Guest Editors

This Special Issue will focus on the recent advances and emerging challenges in the field of flame retardancy achieved by applying coatings to such substrates as plastics (including polymer composites) and textiles. This is an up-to-date topic that deserves investigation both from an academic and industrial point of view, also considering the current restrictions on the use of flame retardants according to the recent European directives. In particular, the topic of interest includes but is not limited to

- Hybrid O/I fire retardant coatings
- Intumescent fire retardant coatings
- Fire retardant coatings with multifunctional features
- Toxicity and environmental issues related to the use of fire retardant coatings

Guest Editors

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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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