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Surfaces and Interfaces of Polymer Composites

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Message from the Guest Editors

Polymer composites are one of industry's most important and vital classes of high-performance materials. Their surface and interface characteristics play an important role in numerous application areas, including the microelectronic, automotive and aircraft industries as well as (bio)medical, diagnostic and sensor technologies. Thus, it is crucial to control, tailor, characterize and understand surfaces and interfaces of polymer composites in detail.

In this Special Issue, experts will report on new developments to modify the surfaces and interfaces of polymer composites in a controlled manner. Along with new trends in surface science, a second focus will be on analytical techniques to describe and obtain a knowledge base on the surface-related properties of polymer composites.

Interfaces are the key to engineering composites, alloys, and hybrid materials. Fracture and corrosion produce new interfaces, and controlling these phenomena is relevant for improving the lifetime of technically relevant composites.

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Message from the Editor-in-Chief

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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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