



Surfaces and Interfaces of Polymer Composites

Guest Editors:

Dr. Inge Mühlbacher

Polymer Competence Center
Leoben (PCCL) Institute for
Chemistry and Technology of
Materials, University of
Technology Graz Stremayrgasse
9/5, 8010 Graz, Austria

Dr. Matej Bracic

Institute of Engineering Materials
and Design, Faculty of
Mechanical Engineering,
University of Maribor, 2000
Maribor, Slovenia

Dr. Thomas Luxbacher

1. Faculty of Mechanical
Engineering, University of
Maribor, 2000 Maribor, Slovenia
2. Anton Paar GmbH, Anton Paar
Str. 20, 8054 Graz, Austria

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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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Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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