



Advanced Polymer Coating Technology

Guest Editors:

Prof. Dr. Samuel Kenig

Department of Polymer Materials Engineering, The Pernick Faculty of Engineering Shenkar College, 12 Anna Frank Street, Ramat Gan 52526, Israel

Prof. Dr. Hanna Dodiuk

Department of Polymer Materials Engineering, The Pernick Faculty of Engineering Shenkar College, 12 Anna Frank Street, Ramat Gan 52526, Israel

Deadline for manuscript submissions:

closed (28 February 2025)

Message from the Guest Editors

Coating technology is a contemporary field that is constantly evolving. Hence, advanced coatings have additional functions with added value designed to enhance and upgrade the surface of the substrate by deposition of advanced low-thickness materials. Polymers offer a unique advantage in thin advanced coatings due to their ease of application, versatility, and the ability to tailor properties.

This Special Issue dedicated to “Advanced Polymer Coating Technology” aims to collect the most advanced studies on polymer-based superior coatings and their related application technologies, including review papers and original studies with applied or potential applied attributes.

The technologies should be related to end-use applications in industries such as transportation, aviation, aerospace, energy, electronics, medical, and packaging.

Finally, potential contributions to this Special Issue should emphasize the relationships between the composition of the coatings, the process technology used for their preparation, and the final resultant properties.





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI