Special Issue

New Photoinitiators: Design, Characterisation, and Applications with a Focus on Copolymerizable Systems

Message from the Guest Editor

Photoinitiators play a crucial role in photopolymerization processes and have become indispensable in various high-performance applications, ranging from coatings, adhesives, and inks to biomedical and 3D printing technologies. In recent years, copolymerizable photoinitiators have garnered increasing attention due to their ability to become part of the polymer matrix, thereby reducing migration, improving mechanical stability, and enhancing overall system performance. The aim of this Special Issue is to present the latest achievements in the fields of design, synthesis, and characterization of new photoinitiators, with special emphasis on copolymerizable systems and their applications. This Special Issue is dedicated to researchers from academia and related industries; we encourage the submission of original research articles, communications, and comprehensive reviews that explore the evolving landscape of photoinitiator development and their applications in one-, two-, and multi-component photoinitiating systems.

Guest Editor

Dr. Agnieszka Skotnicka

Faculty of Chemical Technology and Engineering, Bydgoszcz University of Science and Technology, Seminaryjna 3, 85-326 Bydgoszcz, Poland

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

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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.

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

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