



Photopolymerization and Photopolymers: Organic Dyes as a Unique Tool of Synthesis

Guest Editors:

Dr. Frédéric Dumur

Faculté des Sciences, Aix-Marseille Université, CNRS, ICR
UMR 7273, F-13397 Marseille, France

Dr. Guillaume Noirbent

Aix Marseille Univ, CNRS, ICR
UMR 7273, F-13397 Marseille, France

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Message from the Guest Editors

Photopolymers are appealing materials that have now found applications in dentistry, coatings, and adhesives, but also in emerging fields such as 3D and 4D printing. Although photopolymerization was traditionally done in the UV range, recently, a great deal of interest has been devoted to developing visible light photoinitiators, addressing the manipulator safety concerns but also offering a broader variety of structures that can be used as photoinitiators. Parallel to this, with regard to the toxicity concerns raised by the use of transition metals, organic compounds that can act as photoinitiators of polymerization are actively being researched by both the academic and industrial communities. Researchers in the field are cordially invited to submit relevant manuscripts concerning the development of new photoinitiators of polymerization for a Special Issue entitled “Photopolymerization and Photopolymers: Organic Dyes as a Unique Tool of Synthesis”, within the journal Polymers. Perspectives and reviews in this active research field are also welcome.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
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