

## Special Issue

# Novel Photoinitiators and Photopolymerization Technology

### Message from the Guest Editors

Over several decades, interest in light-initiated polymerization processes has rapidly increased. Due to numerous advantageous properties, photopolymerization has become one of the key technologies of Industry 4.0.

Photopolymerization reactions are commonly used in the production of various type of coatings (e.g., paints, lacquers, inks), adhesives, dental fillings, hydrogels, and smart materials, as well as in electronics, optics, 3D printing, and many other applications. The potential for the further development of this technology is huge.

The key role in photopolymerization is that of the photoinitiator. This compound undergoes a photochemical reaction after light absorption and forms reactive species that initiate the polymerization. Although there are many commercially available photoinitiators, the development of novel, highly effective initiators is still very important.

The scope of this Special Issue is to present recent advances in the design of novel photoinitiating systems and the improvement of photopolymerization technology. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

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## Materials

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