



Advanced Stimuli-Responsive Polymer Composites

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Message from the Guest Editor

Dear Colleagues,

Stimuli-responsive polymer composites feature highly diverse functional properties in response to various environmental stimuli such as temperature, light, pH, magnetic and electric fields, and enzymes. In recent decades, the response mechanisms of numerous selected polymer matrices and functional additives (e.g., metals, ceramics, or nanostructured carbon) have been the subject of intensive studies, and a fundamental understanding of the structure–dynamics–performance relationship has been developed.

This Special Issue focuses on the latest achievements in the material and structure design, characterization, and employment of novel and advanced stimuli-responsive polymer composites. Review and regular research articles as well as short communication of all cross-disciplinary research studies, in which novel stimuli-responsive polymer composites are involved, are encouraged to publish their recent findings in this Special Issue of *Polymers*.

Dr. Lucas Kreuzer
Guest Editor





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Message from the Editor-in-Chief

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