

## Special Issue

# Recent Advances in Shape Memory Polymer Composites: Methods, Properties and Applications

### Message from the Guest Editors

This Special Issue aims to inspire interdisciplinary innovations for bridging the material design and practical deployment of SMP-based energy conversion systems. Our scope of interest includes advances in the structure designs, processing techniques, fundamental mechanisms of shape memory behavior, and structure–property relationships of SMPs, along with innovative approaches for characterizing and optimizing their stimuli-responsive behavior. Contributions addressing their rapid responsiveness, reusability, multi-shape programming, multi-stimuli regulation, multifunctional integration, AI-assisted materials design, 3D/4D printing, sustainable and biocompatible development, and intelligent system designs are especially encouraged.

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### Guest Editors

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### Deadline for manuscript submissions

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## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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