

## Special Issue

# Application of Shape Memory Polymers and Their Composites

### Message from the Guest Editor

Shape memory polymers (SMPs) have broad potential applications in fields such as aerospace, medicine and health, industrial control, surface engineering, self-healing, 3D printing, etc., as they can maintain temporary shapes at room temperature and restore their original state when exposed to external stimuli. SMPs are expected to replace traditional shape memory alloys and ceramics (SMAs and SMCs, respectively) in certain fields and have become the most extensively studied shape memory materials. Unfortunately, despite the extensive literature on SMPs, their application in the real world, especially at the industrial scale, is still limited. In fact, large-scale applications have become one of the most serious weaknesses and a major challenge for their further development. Therefore, in this Special Issue, we would like to focus on applications of SMPs and their composite materials. Such a topic is valuable and interesting, and your enthusiastic participation is essential and warmly welcomed.

### Guest Editor

Dr. Jun Zhao

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### Deadline for manuscript submissions

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## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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