

## Special Issue

# Polymer-Cement Composites: Synthesis, Properties and Application

### Message from the Guest Editor

The development of polymer–cement composites provides multi-functionalized materials necessary to optimize the use of cement composites in practical engineering. Various polymers have been developed to modify the properties of cement and enhance the performance of cement composites. The synthesis, properties and applications of polymers, as well as polymer–cement composites are popular topics in the area of construction materials. In recent years, extensive studies have been carried out to explore new polymers to improve the performance of cement composites. The effects of these polymers on the properties of cement composites have been investigated and revealed, and the results demonstrate promising applications of the new composites. In this regard, this Special Issue, entitled “Polymer–Cement Composites: Synthesis, Properties and Applications”, aims to collect and summarize novel ideas, results and reviews on polymer–cement composites. This list is only indicative and by no means exhaustive; any original theoretical or simulation studies or review articles on the role of polymer–cement composites are welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 August 2023)



## Polymers

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### Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

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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