

Special Issue

Cement-Based Polymeric Composites: Design, Synthesis and Properties

Message from the Guest Editors

Cement-based composites are the construction material of choice. However, with the global demand for cementitious materials rising and the associated depletion of resources and pollution, there is a need for higher-performance, smarter and ultimately more sustainable cementitious composites. In response to this challenge, the cementitious materials community is developing new cementitious materials containing a growing range of non-conventional additives with high-performance and emergent functional properties. This Special Issue will curate recent advances in the design, synthesis, characterization, and utilization of cementitious composites, highlighting some of the challenges in the development and implementation of these materials. Topics will include but are not limited to:

- Novel non-conventional cementitious composites, including those with fiber and textile reinforcement, and nanoparticle and smart additives;
- The functional performance;
- Application of these materials.

Guest Editors

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Deadline for manuscript submissions

closed (18 November 2022)



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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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