

Special Issue

Application of Polymeric Materials in the Building Industry

Message from the Guest Editors

The construction industry, which relies heavily on the application of traditional materials such as bricks, concrete, and wood, still presents a substantial challenge for materials engineers considering the new regulations and standards related to energy efficiency, long-term durability, or excellent mechanical performance. Recent developments in materials science, especially polymers, have brought new perspectives in the modification of building materials and consequent improvements. In fact, following this trend, polymers are already being used, e.g., as effective admixtures for the design of self-healing composites that mitigate the effect of structural damage. Polymers can also be utilized in the energy-efficient management of buildings using polymer-based phase change materials, and they can be beneficial in various areas. The primary aim of this Special Issue is the presentation of possible applications of polymeric materials in the building industry, in particular, innovative polymer-containing composites. Manuscripts focused on new experimental techniques applicable for the characterization of polymer-containing composites are also welcome.

Guest Editors

Prof. Dr. Robert Černý

Department of Materials Engineering and Chemistry, Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 160 00 Prague, Czech Republic

Dr. Jan Fořt

Department of Materials Engineering and Chemistry, Faculty of Civil Engineering, Czech Technical University in Prague, Prague, Czech Republic

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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