Special Issue

Damping Mechanisms in Polymers and Polymer Composites

Message from the Guest Editors

The use of polymers and polymer-based composites has constantly increased over the last several decades. Several examples show that composite materials have entered the industry as a viable alternative to traditional materials. They offer a high strength-to-weight ratio, high impact strength, corrosion resistance, and excellent durability. Polymers, as a class of materials, are also known for their unique damping properties and have been widely used to effectively reduce excessive vibrations in a variety of structural applications. This Special Issue focuses on damping mechanisms present in polymers and polymer composite structures. Moreover, it aims to highlight the progress in the properties and application of these materials in dynamically loaded structures. We invite researchers to share their latest investigations in the form of research articles and reviews.

Guest Editors

Dr. Paweł Dunaj

Faculty of Mechanical Engineering and Mechatronics, West Pomeranian University of Technology in Szczecin, 70-310 Szczecin, Poland

Dr. Izabela Irska

Department of Materials Technologies, West Pomeranian University of Technology in Szczecin, Piastow 19 Av., 70-310 Szczecin, Poland

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

mdpi.com/journal/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 4.7.

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

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