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Thermal Characterization and Applications of Polymer Composites

Guest Editors:

Dr. Mariola Robakowska
Department of Polymers, Institute of Chemical Technology and Engineering, Faculty of Chemical Technology, Poznan University of Technology, Berdychowo 4, PL-60965 Poznan, Poland

Dr. Łukasz Gierz
Faculty of Mechanical Engineering, Poznan University of Technology, 60-965 Poznan, Poland

Dr. Anna Modrzejewska-Sikorska
Institute of Chemistry and Technical Electrochemistry, Faculty of Chemical Technology, Poznan University of Technology, Berdychowo 4, 60-965 Poznan, Poland

Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editors

Dear Colleagues,

Thermal analysis provides a powerful tool for researchers to determine both unknown and reproducible properties of polymer composite materials. Thermal analysis is a branch of science for studying the thermophysical and kinetic properties of materials with temperature. Moreover, the relevant thermal properties of materials are related to energy transport and thermal transitions. Heat-conducting polymer composites are of particular interest. To improve the thermal conductivity of polymer composites, conducting fillers with relatively high thermal conductivity such as metal powders and carbon-based material such as graphite or inorganic particles may be used.

The purpose of this Special Issue is to collect high-quality articles in the fields of thermal properties of polymer (nano)composites. Potential topics include but are not limited to the application of thermoanalytical methods in the study of polymer composites with a special focus on thermogravimetry, differential scanning calorimetry, and thermomechanical analysis or thermal conductivity analysis.

We look forward to receiving your contributions.

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Editor-in-Chief

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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 5.0.

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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Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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