

## Special Issue

# Polymer Rheology and Processing of Nano- and Micro-Composites (Second Volume)

### Message from the Guest Editor

Micro- and nano-composites are increasingly prevalent technologies that improve the properties of polymeric materials, and have promising applications in different fields. One of the current challenges for this technology is the obtention of a homogeneous dispersion of micro- and nanoparticles in the plastic. Rheology is a powerful tool that provides crucial knowledge regarding the interaction between the different phases added to polymeric matrices and the processing of composites. Thus, the rheological characterization and computational modelling of composites provide critical information about the compatibility of the different phases and the processing of the final material. Moreover, these new materials demand the development of innovative processing methods and technologies that can result in novel applications. In this Special Issue, we welcome the submission of original research papers and reviews reporting experimental and computational investigations of the viscoelastic properties as well as progress and modernization in processing technologies for micro- and nano-composites.

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### Guest Editor

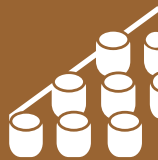
Prof. Dr. Ramón Pamies

Grupo de Ciencia de Materiales e Ingeniería Metalúrgica, Universidad Politécnica de Cartagena, Cartagena, Spain

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### Deadline for manuscript submissions

closed (20 June 2023)



## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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