







an Open Access Journal by MDPI

# **Microstructure and Mechanical Properties of Polymeric Materials**

Guest Editor:

## Dr. Paulo Nobre Balbis dos Reis

Department of Mechanical Engineering, Faculty of Sciences and Technology of the University of Coimbra, University of Coimbra, Coimbra, Portugal

Deadline for manuscript submissions:

closed (20 February 2024)

## **Message from the Guest Editor**

Dear Colleagues,

On behalf of the journal Materials, I would like to invite all researchers to publish a paper in this Special Issue entitled "Microstructure and Mechanical Properties of Polymeric Materials". It is well known that, nowadays, polymeric materials are increasingly used in the most diverse areas. On the other hand, sustainable polymers obtained from renewable resources are increasingly desired due to current government policies based on sustainability, concerns about the depletion of fossil resources, disposal and related issues. In this context, this Special Issue intends to collect original research and comprehensive review papers in order to understand the current state of the art, as well as to obtain information on possible correlations between the structure and mechanical properties of polymers. All relevant contributions to this Special Issue are welcome.

To read more information, please click the following link:

https://www.mdpi.com/journal/materials/special\_issues/microsti













an Open Access Journal by MDPI

## **Editor-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

## **Message from the Editor-in-Chief**

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

**Journal Rank:** JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

#### **Contact Us**

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials\_Mdpi