



## Mechanical Properties and Structures of High-Performance Polymer Composites and Metal Alloys Processed by Additive Manufacturing Technologies

Guest Editors:

**Dr. Miguel Ángel Caminero Torija**

**Dr. Jesús Miguel Chacón Muñoz**

**Dr. Pedro José Núñez López**

**Dr. Eustaquio García-Plaza**

Deadline for manuscript submissions:  
**closed (20 September 2023)**

### Message from the Guest Editors

This Special Issue welcomes original research contributions and review articles highlighting advances and future directions in the field of additive manufacturing (AM) of Polymer-Based Composites and Metal alloys. It will publish cutting-edge original research and review papers on the latest advances in new polymeric composite systems. The main scope of this Special Issue is to gather scientific expertise from all fields covering mainly mechanical properties and structural analysis of additively manufactured elements. The Special Issue is dedicated to a wide range of applications. New AM technologies based on material extrusion, binder jetting, selective curing/sintering, multi-material printing and in-situ and post-processing techniques to improve part strength and structure–property relationships are also covered. Contributions that also report on part characterization, the effect of process parameters on mechanical and geometric performance, application of the produced parts, new developments in CAGD (computer-aided geometric design) to generate optimized trajectories of AM technologies with improved accuracy or post-processing techniques, are particularly welcome.





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## 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

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

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