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Organic Matrix Composites and Multifunctional Materials

Guest Editor:

Dr. Michelle Salvia

Laboratory of Tribology and Dynamics of Systems (LTDS), Ecole Centrale de Lyon, 69134 Ecully, CEDEX, France

Deadline for manuscript submissions: closed (10 March 2023)

Message from the Guest Editor

Dear Colleagues,

Thanks to their excellent properties, organic matrix composites are attracting considerable attention across a number of *industries* such as the aeronautic, automotive, marine, sport, civil engineering, and electricity fields. These materials are light and non-corrodible, and their properties can be almost "tailor-made" due to the wide variety of reinforcements, most often fibrous (glass, carbon, and ligno-cellulosic) but also not non-fibrous (hollow microspheres) and matrices (thermosetting or thermoplastic), as well as many manufacturing processes.

This Special Issue focuses on the development of new composites, especially multifunctional composites and the study of their properties (included long time behavior).

Topics of interest include but are not limited to the following:

- New components (matrices, reinforcements) and manufacturing;
- Eco-friendly composite materials (matrix, reinforcements);
- Structural health monitoring (sensors and actuators);
- Self-healing materials and damage control;
- Shape control, energy harvesting;
- Meta composites.









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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi