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Organic Matrix Composites and Multifunctional Materials

Guest Editor:

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Deadline for manuscript submissions:
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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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Message from the Editor-in-Chief

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