

## Special Issue

# Manufacturing and Mechanical Properties of Metal Matrix Composites

### Message from the Guest Editor

In order to shed light on the most recent advancements in the synthesis and multifunctional applications of innovative materials, the aim of this Special Issue is to publish original and innovative research papers and review articles, which are pertinent to the applications of innovative materials in the automotive and aerospace industries. Potential topics include, but are not limited to, the following:

- Recent advancements and challenges of innovative materials and their applications;
- Additive manufacturing of innovative materials;
- Nano/micro-fabrication of innovative materials;
- Structural and chemical characterization of innovative materials;
- Wear characterization of innovative materials;
- Machinability studies of metal matrix composites;
- Thermal and corrosive behaviour of innovative materials;
- Machinability characterization and evaluation of innovative materials;
- Innovative materials for aerospace, industrial and biomedical applications.

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### Guest Editor

Dr. Balasubramaniam Stalin  
Department of Mechanical Engineering, Anna University, Regional Campus Madurai, Madurai, Tamilnadu, India

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### Deadline for manuscript submissions

closed (20 March 2023)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

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