

## Special Issue

# Numerical Simulation and Experimental Studies of Dynamic Behaviour of Composite Materials

### Message from the Guest Editors

Simulation problems are often very complex and cannot be treated efficiently with simple analytical or conventional numerical tools, inspiring, therefore, the development of advanced computational methods dynamic problems. On the other hand, experimental studies focused on the understanding of the dynamics of composites with inhomogeneities are very important for the development of new materials, design, and control of composite structures. It is our pleasure to invite you to submit a manuscript for this Special Issue related to experimental and numerical studies of dynamic behavior of composite materials. We also especially welcome investigations related to acoustic/elastic metamaterials and the wave phenomena in inhomogeneous waveguides for the purposes of non-destructive testing and structural health monitoring. Full papers, short communications, and reviews are all welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2023)



## Materials

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### 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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