

Special Issue

Phononic Crystals: Science and Applications

Message from the Guest Editor

This Special Issue entitled as “Phononic Crystals” focuses on the dynamics of materials and structures, especially phononic crystals and locally resonant phononic metamaterials, at both the continuum and atomistic scales. These studies range from vibration isolation structures in lattice dynamics, sensors, and energy harvesting structures, as well as phoxonic crystals and metamaterials. The introduced works for this Special Issue must be concerned with physical phenomena governing these systems, relevant theoretical and computational treatments, and the analysis of the effects of dispersion, resonance, dissipation, and nonlinearity as well as experimental fabrication of these structures.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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