

Special Issue

Acoustic Metamaterials

Message from the Guest Editors

Acoustic metamaterials are artificially-structured materials that can manipulate and control sound waves in ways that are not possible in conventional materials. It is an exciting and rapidly-expanding topic in the field of physical acoustics that, for more than 15 years now, has continued to give rise to exotic wave phenomena, such as acoustic cloaking, non-reciprocal propagation, parity-time-symmetric sound manipulation or waveguides immune to backscattering. This Special Issue will reveal both fundamental wave aspects of acoustic metamaterials as well as their practical perspectives. It provides a unique forum for discussion and presentation of recent advances. Scientists working in this broad field are invited to present their work in this Special Issue.

Guest Editors

Dr. Georgios Theocharis

Dr. Vicent Romero-Garcia

Prof. Dr. Olivier Richoux

Deadline for manuscript submissions

closed (31 December 2018)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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