

# Special Issue

## Ultrasonic Guided Waves

### Message from the Guest Editor

The propagation of ultrasonic guided waves in solids is an important area of scientific inquiry due primarily to their practical applications for nondestructive characterization of materials, such as nondestructive inspection, quality assurance testing, structural health monitoring, and material state awareness. This Special Issue of the journal covers all aspects of ultrasonic guided waves (e.g., phased array transducers, meta-materials to control wave propagation characteristics, scattering, attenuation, and signal processing techniques) from the perspective of modeling, simulation, laboratory experiments, or field testing. Prof. Clifford J. Lissenden

**Keywords:** Wave propagation

Nondestructive inspection

Structural health monitoring

Ultrasonic transducers

Scattering

Attenuation

Signal processing

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2019)



## Applied Sciences

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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.

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### Editor-in-Chief

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