

## Special Issue

# Innovations in Ultrasound Imaging for Medical Diagnosis

### Message from the Guest Editor

Ultrasound is one of the most widespread medical imaging modalities; among its other characteristics, it is radiation-free, portable, cost-effective, and high-quality both in terms of contrast and resolution. Its use has been steadily growing, however, its potential is still far from fully explored, with new technologies (such as flexible/wearable or capacitive micromachined transducers) and new techniques (for example, elastography or photoacoustic imaging) being continuously developed. Additionally, ultrasound image processing has bloomed in recent years, mainly thanks to the advent of machine-learning-based applications which have allowed more robust, more accurate, and often automatic interpretation and use of images. This, together with significant advances in artefact reduction implemented on state-of-the-art commercial ultrasound machines, has significantly reduced what have traditionally been considered limitations of this modality.

The aim of this Special Issue is to present novel technologies or applications or techniques in ultrasound imaging for medical diagnostics. Authors are invited to submit innovative research papers or comprehensive review papers.

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### Guest Editor

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### Deadline for manuscript submissions

closed (15 April 2022)



## Applied Sciences

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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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