Special Issue

Advancements in Optical and Acoustic Signal Processing

Message from the Guest Editors

Recently, optical and acoustic signal processing are undoubtedly key components of large and complex signal processing systems. Optical signal processing can achieve high-capacity data transmission, sensing and detecting the environment and organisms, and promote the high-end upgrade of laser processing. Similarly, acoustic signal processing is significant and irreplaceable in multiple key fields such as communication, healthcare, industry, and ecology. This Special Issue invites manuscripts introducing the latest advances in "Advancements in Optical and Acoustic Signal Processing". Theoretical, numerical, and experimental papers are welcome. Topics include, but are not limited to, the following:

- Optical information processing
- Development of optical signal processing
- Acoustic signal processing
- Combination of artificial intelligence and acoustic signal processing;
- Laser ultrasonic signal processing
- Application of optical and acoustic sensors;
- Array signal processing;
- Acoustic inversion.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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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