Special Issue

Microwave Photonic Signal Processing

Message from the Guest Editor

The purpose of this Special Issue of MDPI *Photonics* is to highlight the recent progress and trends in microwave photonic signal processing to develop the next generation of microwave-photonics-based radar, communication, and measurement systems and so on with cognitive ability. Areas of interest include (but are not limited to):

- Microwave-photonic-integrated circuits for signal processing;
- Time-frequency transformation techniques for microwave photonic signal processing;
- Novel applications of deep learning to microwave photonic signal processing;
- Novel microwave photonic signal processing techniques and the system applications in radar, communication and measurement systems;
- Microwave photonic signal sensing, generation, distribution, and processing techniques for cognitive systems.

Guest Editor

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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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