



Optical Signal Processing

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Deadline for manuscript
submissions:

closed (30 August 2023)

Message from the Guest Editors

Photonics invites manuscript submissions to Optical Signal Processing. Submissions focusing on advancing fundamental knowledge and techniques, as well as applications in diverse areas, from communications to natural and biological sciences, are welcome. This Special Issue aims to provide an overview of ongoing progress and trends in advancing the knowledge, understanding, and novel applications of optical signal processing. Areas of interest include (but are not limited to):

- Ultrafast optical signal processing;
- Integration for photonic signal processing;
- Programmable photonic signal processing;
- Optical signal processing for sensing and communications;
- Photonic integrated circuits;
- Semiconductor devices, including SOAs and sources;
- Highly nonlinear fibers;
- Linear and nonlinear material platforms for optical signal processing;
- Optical switching technologies, concepts, and techniques.

