

Special Issue

Photonics for Next Generation Satellites Payloads

Message from the Guest Editor

Photonics is considered a key enabling technology in a several scientific/technological areas, such as telecommunications, aerospace, and defence. The well-known benefits of photonics could be exploited in several systems and components of satellite payloads, conventionally implemented with microelectronic technologies. A photonic approach leads order-of-magnitude improvements in size and mass, system integration, and a reduction in in-orbit risks. This Special Issue aims to present the latest results on photonic devices/systems for space applications. Both original research papers and review papers that focus on the design, development, and applications of photonic devices for space are welcome.

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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