



## Photonics for Next Generation Satellites Payloads

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (15 August 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.

Dr. Giuseppe Brunetti

*Guest Editor*

