



Photonic Devices Instrumentation and Applications

Guest Editor:

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Message from the Guest Editor

The purpose of this Special Issue is to identify diverse and promising photonic technologies at a high enough maturity level that enables the development of advanced instruments. The versatility of photonics technology allows its adaptation in many different application areas like telecommunications, sensing, aeronautics, biomedical, defence and security, demonstrating the advantages of photonic implementation and also unique capabilities over other competitive technologies.

We invite contributions in the form of expert comprehensive reviews, or research articles dealing with photonics technology focused on instrumentation in connection to current or emerging applications. The scope is to create a well-balanced collection of papers that will help to map the penetration of photonics instruments in various application areas and identify also the perspectives and open challenges for future development.

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Guest Editor





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Message from the Editor-in-Chief

The realization of dedicated instrumentation has always been a collateral aspect of experimental research. In addition, many groups dedicate efforts and resources solely to the development of new devices, sensors, equipment and large infrastructure, theoretical and numerical studies, and novel experimental methodologies. With Instruments we wish to address both established and emerging communities, also to favor the creation of innovative trans-disciplinary approaches. We see Instruments as an exciting high-impact journal that will soon hold a leading position in disseminating cutting edge scientific and technological research.

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