Special Issue

Laser Diagnostics and Its Application

Message from the Guest Editors

We are inviting submissions to the Special Issue on Laser Diagnositics and Its Application. Laser diagnostics are well-established techniques and facilitate the measurements of crucial parameters for various studies including fundamental chemistry, turbulence and fluid mechanics, combustion, reaction kinetics, and gas metrology, as well as pollution monitoring. The development of many laser-based diagnostic techniques, such as Rayleigh and Raman scattering, laser-induced fluorescence (LIF), laser-induced incandescence (LII), laser-induced breakdown spectroscopy (LIBS), and tunable diode-laser absorption spectroscopy (TDLAS), enable quantitative interpretation of measurements in very complex situations. In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in a wide field of laser diagnostics, from fundamental research, reaction kinetics, combustion and environmental measurements, to their utilization in real-world scenarios. Both theoretical and experimental studies are welcome, as well as short communications and reviews.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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