Special Issue

Novel Advances in Plasma Diagnostics

Message from the Guest Editor

Recent progress in plasma diagnostics has been closely related to the creation of new scientific equipment, experimental measurement techniques, and related mathematical analyses. The increased reliability and accuracy of invasive probe methods, the use of passive and active spectroscopy systems, including neutron spectroscopy, as well as the development of new approaches and data processing algorithms are ongoing. The success of the controlled thermonuclear fusion program is closely connected with the capability of the diagnostic systems used for fundamental physical research and for the control of plasma parameters in experimental installations. We are pleased to present a Special Issue that will cover new advances in diagnostic methods for low- and high-temperature plasma and their application to scientific research and industry. Areas of interest include plasma diagnostics methods and their application to fusion setups and reactors as well as their use for pulsed and stationary gas discharge in research and technological installations. Potential authors are encouraged to contact the with questions about the suitability of their research prior to submission.

Guest Editor

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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.

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