

Special Issue

New Trends in Plasma Physics

Message from the Guest Editor

The purpose of this Special Issue of *Symmetry* aims to collect new original contributions in the broad field of plasma physics. The objective is to disseminate the latest research and knowledge in this important area. The following areas are of particular interest:

- General plasma physics;
- Symmetry;
- Magnetic hydrodynamics;
- Particle and heat transport;
- Radiative transfer, spectral lines' shapes;
- Thermonuclear fusion.

Guest Editor

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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