



*symmetry*



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## Symmetry in Physics of Plasma Technologies II

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Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editor

Dear Colleagues,

Following the success of the Special Issue titled "Symmetry in Physics of Plasma Technologies" in *Symmetry*, it is my pleasure to return as the guest editor for a second installment. Whereas the first issue presented articles related to controlled thermonuclear fusion, this one includes review papers detailing the challenges of thermonuclear fusion reactor plasma-facing materials and heavy-ion beam probing of plasma, analysis of the scale symmetry of stochastic surface clustering, new theoretical methods for anisotropic diffusion of radiation defects and reflectometric diagnostics of plasma turbulence.

We welcome contributions (research and review articles) in all of these areas, especially those with an emphasis on exploiting fundamental aspects of plasma physics, including symmetry.



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# Special Issue



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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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