



symmetry



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Chiral Symmetry, and Restoration in Nuclear Dense Matter

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Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute papers to a new Special Issue of the journal *Symmetry*. Its primary topics of interest are chiral symmetry, its restoration in dense nuclear matter, and its impact on hadron properties, such as the neutron star and compact star structure, QCD processes in nuclear medium and nuclei, and quark gluon plasma phase (QGP).

Specifically, this Special Issue will address the nucleon, baryon and meson structure in free space, in nuclei, as well as in dense nuclear matter. For this Special Issue, we will organize an international workshop in mid-2024, serving as the proceedings; this will include the refereed contributions and new dedicated articles (refereed).

The information concerning the international workshop on this Special Issue will be announced in early 2024.

Deadline for manuscript submissions:

31 December 2024



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Special Issue



Editor-in-Chief

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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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