



Equation of State of Nuclear Matter with Correlations and Cluster Formation

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Message from the Guest Editors

Dear Colleagues,

The occurrence of correlations and the formation of clusters are crucial to understanding the properties of atomic nuclei and nuclear matter. The last decade saw a strong surge of activities in both the theoretical and experimental investigation of correlations and cluster formation. We are witnessing substantial progress in the theoretical modeling of clusters in static and dynamical nuclear systems. This is accompanied by much more refined experimental measurements that provide us with access to the details of clusters' properties in the medium and their isotopic distribution. Nevertheless, many challenges remain to be overcome in the future to develop a unified understanding of clustering.

This Special Issue is devoted to the current status of research in the field of correlations and cluster formation in nuclear matter. It will allow for an exchange of ideas and stimulate the development of new approaches. The content will cover a variety of topics that are closely related to this endeavour.





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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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