

Special Issue

Beyond the Standard Models in Particle Physics and Cosmology

Message from the Guest Editor

Studies beyond the standard model (BSM) of particle physics and cosmology are the mainstream of current scientific research. BSM physics is the widely established basis of modern cosmology, and thus is a popular topic in most conferences on particle physics and cosmology. The important feature of the cosmological impact of BSM physics is related to specific model-dependent predictions, leading to deviations from the standard cosmological paradigm of inflationary models with baryosynthesis and the Lambda CDM model of cosmological structures and evolution, as well as to new types of astrophysical objects and processes. The present Special Issue extends the platform for discussions of this topic, inviting not only authors of the selected presentations at the Bled workshops "What comes beyond the Standard models?" or the International Conference on Particle Physics and Astrophysics (ICPPA), but also any other interested contributors. Special support for scientific debuts in this field is another important feature of the present Special Issue and we invite MSc and Ph.D. students to take their first steps in research in this exciting field of science.

Guest Editor

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