Special Issue Symmetry in Optical Materials

Message from the Guest Editor

Aspects of symmetry cover a wide range of physical, chemistry, and biological topics: they include nonlinear optics, nanoparticles, gravitation, biopolymers, etc. Both microscopical and phenomenological aspects exist here. Particular attention will be devoted to phenomena that are forbidden by symmetry following the macroscopical approach and may be allowed following the microscopical theory. Particular attention will be devoted to incommensurate superstructures and other topics, where the generally adapted symmetry aspects will be significantly modified.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2019)



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About the Journal

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.

Editor-in-Chief

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