



symmetry

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Materials Science: Synthesis, Structure, Properties

Guest Editor:

Dr. Denis A. Vinnik

South Ural State University
(national research university)

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Message from the Guest Editor

Dear Colleagues,

Functional materials with a strong correlation between synthesis features, chemical composition, crystal structure, and physical properties attract much attention due to the large number of fundamental phenomena and prospects for practical applications. The features of chemical processes critically influence crystal structure and physical properties in functional materials. That is why it is so important to investigate correlations between synthesis, structure, and properties for new materials development. New theoretical and experimental data lead to the emergence of new technologies that will make our world a better place. I kindly invite you to make a contribution to the Special Issue of *Symmetry* titled as “Materials Science: Synthesis, Structure, and Properties”.

Dr. Denis A. Vinnik
Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

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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Contact Us

Symmetry Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI