Special Issue

Actual Problems of Solid State Physics: Nanomaterials and Nanotechnologies

Message from the Guest Editor

We are pleased to invite you to submit your paper to this Special Issue on “Actual Problems of Solid-State Physics: Nanomaterials and Nanotechnologies” in *Nanomaterials*. Results that describe all aspects of low-dimensional functional materials synthesis and investigations are welcome. It is widely known that functional nanomaterials with controllable properties are attracting an increasing amount of attention today. This Special Issue is associated with the IX International Scientific Conference “Actual Problems of Solid-State Physics” that will be held at the Scientific-Practical Materials Research Centre of National Academy of Sciences of Belarus (Minsk, Belarus). This will be a great scientific event in the field of Condensed Matter Physics for Nanomaterials Development. However, anyone can contribute to this Special Issue (not only participants of the conference). For further reading, please follow the link to the Special Issue website at: https://www.mdpi.com/si/101664. We look forward to receiving your contributions.

Guest Editor

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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