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## Materials Science and Nanoengineering (ICMSN-2022)

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

In today's world, the pace of events and information exchange is continuing to accelerate. This presents scientists, engineers, biologists and doctors with ever new challenges that require more efficient and improved methods of analysis, synthesis, and their translation into practice and technology. The breakthrough developments that are made are underpinned to a great extent by the new smart materials designed according to the bottom-up principles, i.e., from the atomic to nanoscale and further. Over the past decade, nanomaterials have been the subject of enormous interest. These materials, notable for their extremely small feature size, have the potential for wide-ranging industrial, biomedical, and electronic applications. As a result of a recent improvement in technologies to see and manipulate these materials, the nanomaterials field has seen a huge increase in funding from private enterprises and governments, and...

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Prof. Dr. Alexander M. Korsunsky

Dr. Alexey I. Salimon

*Guest Editors*



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# Special Issue



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## Editor-in-Chief

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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.

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