



Hybrid Nano Polymer Composites Volume II

Guest Editors:

Prof. Dr. Rumiana Kotsilkova

Institute of Mechanics, Bulgarian
Academy of Sciences, 1113 Sofia,
Bulgaria

Dr. Mariya Aleksandrova

Department of Microelectronics,
Technical University of Sofia, 8
Kliment Ohridski Blvd., 1000
Sofia, Bulgaria

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Dear Colleagues,

Hybrid Nano Polymer Composites is an interdisciplinary field that combines the unique properties of nanoparticles and polymers to create advanced materials with enhanced mechanical strength, thermal stability, electrical conductivity, and other desired characteristics.

Volume II of the Special Issue collection on Hybrid Nano Polymer Composites focuses on gathering publications that cover recent developments, cutting-edge research, and advancements in the field. It aims to provide a comprehensive overview of the state of the art, challenges, and future prospects of Hybrid Nano Polymer Composites, in particular with piezoresistive, thermoresistive, and piezoelectric properties for sensing applications, as well as electroactive and shape memory materials, suitable for the new technology of 4D printing, that adds unique functions to 3D-printed architectures under the influence of external stimuli.

For more details, you can see the following link: <https://www.mdpi.com/si/193227>

Prof. Dr. Rumiana Kotsilkova

Dr. Mariya Aleksandrova

Guest Editors





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Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

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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Nanomaterials Editorial Office
MDPI, St. Alban-Anlage 66
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