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Selected Papers from the 1st International Online Conference on Nanomaterials

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Message from the Guest Editors

Dear Colleagues,

This Special Issue comprises selected papers from the Proceedings of the 1st International Online Conference on Nanomaterials, held 1–15 September 2018 on sciforum.net, an online platform for hosting scholarly e-conferences and discussion groups. In this 1st edition of the electronic conference, contributors were invited to provide papers and presentations from the field of nanomaterials, resulting in a wide variety of excellent submissions and topic areas, such as synthesis, materials, spectroscopy and microscopy, devices and energy, and bio and medicine. Selected papers that attracted the most interest on the web, or that provided a particularly innovative contribution, have been gathered for publication. These papers have been subjected to peer review and are published with the aim of rapid and wide dissemination of research results, developments, and applications. We hope this Conference Series will grow rapidly in the future and become recognized as a new way and venue by which to (electronically) present new developments related to the field of nanomaterials.

Prof. Dr. Ana María Díez-Pascual

Prof. Dr. Guanying Chen

Guest Editors



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Special Issue



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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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