

Special Issue

Nano-Objects and Nanomaterials

Message from the Guest Editors

The ability to manufacture new structures enables new science and technology—especially in nanoscience and nanotechnology. Nanomaterials made via both top-down and bottom-up approaches have attained previously untapped territories in the field spanning nano-photonics, nano-electronics, and nano-mechanics. To echo that spirit, this Special Issue is designed to highlight the importance and recent progress of nano-objects and nanomaterials. The scope of this Special Issue includes but is not limited to the synthesis and modification of colloidal nanoparticles (bottom-up); techniques based on nano-lithographic fabrication methods (top-down); efforts that take advantage of both top-down and bottom-up strategies; and any further application of the generated nanostructures and devices in physical, biomedical, chemistry, environmental science, and life science experiments. We encourage researchers from all areas of nanomanufacturing, nano-synthesis, nanoengineering, and nanotechnology to submit abstracts for this Special Issue.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The capability to manipulate, assemble, and fabricate nano-objects have given rise to nanoscience, one of the most rich and interdisciplinary fields of research. In fact, mechanics, optics, magnetism, or electronics at the nanoscale strongly differ from their macroscopic counterparts, and thus several disciplines are necessary to study nanomaterials. This field's development parallels the technical advances that have made it possible to control matter at the nanoscale. Our journal, *Nanomanufacturing*, seeks to provide a forum for discussion and a platform to publish the latest results regarding the fabrication, manipulation, scalability, and eventual industrial production of miniaturized devices or objects. All of our articles are published with rigorous refereeing and open access.

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