Special Issue

Featured Reviews in Nanomanufacturing

Message from the Guest Editor

This Special Issue is designed to highlight review articles that aim to contribute to critically discussing state-of-the-art techniques in nanofabrication and nanomanufacturing, as well as pinpointing the open challenges and opportunities in these nanoscale-based disciplines. The scope of this Special Issue includes (but is not limited to) all aspects of lithographic device fabrication methods with sub-micron resolution; the fabrication, integration, and characterization of nanomaterials, nano-objects, and surfaces and interfaces into functional devices; the exploitation and control of self-organization phenomena for patterning; and the further application of the created structures and devices in physical, biomedical, chemistry, environmental science, and life science experiments. We encourage researchers from all areas of nanomanufacturing, nanoengineering, and nanotechnology to submit abstracts of their review articles to this Special Issue. This will be a dynamic Special Issue, and articles will be published as soon as the reviewers and editors are ready to accept them, without waiting for the deadline for the entire Special Issue to arrive.

Guest Editor

Dr. Andres Castellanos-Gomez
Instituto de Ciencia de Materiales de Madrid (ICMM-CSIC), E-28049 Madrid, Spain

Deadline for manuscript submissions

closed (15 October 2023)

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Candido Fabrizio Pirri
1. Department of Applied Science and Technology, Politecnico di Torino, C.so Duca degli Abruzzi 24, 10129 Turin, Italy
2. Center for Sustainable Future Technologies, Italian Institute of Technology, Via Livorno 60, 10144 Turin, Italy

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