

Special Issue

Nanoparticles: Synthesis, Properties, and Applications

Message from the Guest Editors

Nanoparticles (NPs) are well-known key materials that possess unique and significantly modified physical and chemical properties compared to their bulk counterparts. NPs are suitable candidates in various research and commercial fields, including catalysis, imaging, medical applications, energy-based research, and environmental applications. The aim of the proposed Special Issue is to collect worldwide original contributions and review papers from experts on the synthesis, properties, and applications of NPs. The Special Issue will include papers on not only different types of NPs, including fullerenes, metal NPs, ceramic NPs, and polymeric NPs, but also nanocomposites. Contributions with innovative methods to synthesize nanoparticles will be welcomed in this Special Issue, with particular attention to “green” methods. Top-down and bottom-up preparation approaches will be included. Contributions including optical and/or chemical characterization will also be considered. Special attention will be devoted to nanoparticles applications in a variety of research fields, including catalysis, optics, and medicine.

Guest Editors

Dr. Annalisa Volpe
Dr. Caterina Gaudioso
Dr. Maria Chiara Sportelli

Deadline for manuscript submissions

closed (31 May 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Dmitry Yu. Murzin
Faculty of Science and Engineering, Åbo Akademi University, 20500
Turku, Finland

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