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## Superconducting Nanostructures and Materials

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Deadline for manuscript  
submissions:

**closed (20 November 2022)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to encompass the state-of-the-art features of the developments of superconducting nanostructures and materials, their fundamental aspects, preparation and fabrication approaches, potential applications, and first-principles calculations, etc. Contributions that deal with thin films, tapes or bulk, nano-scaled superconducting materials (nanowires, nanofibers, nanoparticles, etc.), as well as the impacts of nanomaterials on superconducting materials are highly welcomed. Both experimental and theoretical works on superconducting nanostructures and materials are encouraged to be submitted to this Special Issue. Different formats of articles including full articles, review papers and short communications are welcome for submission.

Prof. Dr. Yassine Slimani  
*Guest Editor*



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# Special Issue



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## Editor-in-Chief

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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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