



## Advanced Nanomaterials and Their Physical Properties

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Deadline for manuscript  
submissions:

**closed (30 September 2023)**

### Message from the Guest Editor

Nanotechnology has had a revolutionary influence on the development of novel materials over the last 20 years. It is fascinating how materials' properties at the nanoscale can be radically changed by means of size, crystal structure, or surface states. Nanomaterials can be produced with outstanding magnetic, electrical, optical, thermal, mechanical, and catalytic properties that are substantially different from their bulk counterparts. These materials open up new ways of designing advanced devices (sensors, electronics, data and energy storage, etc.), as well as improving structural and functional materials.

This Special Issue welcomes the submission of original concise and comprehensive articles across all disciplines, reporting the measurement of physical properties intrinsic to the nanoscale, and those techniques devised to characterize materials at this scale. It is also intended to collate articles concerned with the understanding and prediction of physical properties through theoretical and computer modelling.

This Special Issue aims to publish original research at the forefront of nanoscale science and technology.





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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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