

## Special Issue

# Electric and Magnetic Materials: Theory and Devices

### Message from the Guest Editors

this Special Issue will bring together important information about materials that are relevant to applications involving electrical and magnetic phenomena in a single volume. Submissions on semiconductor materials, superconductors for spintronics, systems for applications in energy storage technologies, multiferroics, multifunctional materials for applications in hyperthermia, drug delivery, piezoelectric materials, piezomagnetic materials with optical applications and photonic and plasmonic materials, among others, are welcome in this Special Issue. Organic and inorganic, hybrid and other materials that have interesting electrical and magnetic behaviors for various applications or the study of new phenomena can be presented in this volume. We hope that the works focus on experimental, theoretical and computational approaches, devices, measuring instruments, etc. Materials understood as 1D and 2D, in addition to 3D, are welcome in this volume. Systems that form single and multi-layer films, nanoparticles of different geometries and nanowires of different sections are examples of objects of study to be included in this volume.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 October 2023)



## Materials

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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