Special Issue

Polar and Magnetic Relaxors and Other Cluster Glasses

Message from the Guest Editor

Ferromagnetics and ferroelectrics (generally referred to as ferroics) represent a family of materials with collective features reaching spontaneous, stable long-range ordered states of matter. In addition to that, these (orientation) states may be reversed under the action of an external field. Very often such a switching process manifests a respective hysteresis loop. The forthcoming Special Issue on “Polar and Magnetic Relaxors and Other Cluster Glasses” will cover a broad range of their physical properties, technological aspects, and potential applications with new advances in this attractive field of research. It is our pleasure to invite you to contribute your research paper, communication, or review for this Special Issue. Keywords:

- ferroelectrics
- ferromagnetics
- ferroics
- relaxors
- dipolar glasses
- spin glasses
- mesoscopic glasses
- frustrated materials
- domains
- nano-domains
- polar nanoregions
- clusters

Guest Editor

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Deadline for manuscript submissions

closed (20 May 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/68964

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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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