

Special Issue

Mechanical and Microstructural Characterizations of Deformation Mechanisms at Fine Scales

Message from the Guest Editor

The objective of this Special Issue is to present research around the same theme—namely, **mechanical and microstructural characterizations of deformation mechanisms at fine scales**. We are looking for those who develop fine characterization methods and/or use them to characterize materials. The importance of pooling our strengths to create a positive synergy has been further emphasized by the unprecedented global health crisis we are going through. **Keywords:**

- nanoindentation
- in situ experiment
- micropillar
- microbeam
- microstructural characterization

Guest Editor

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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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