



materials



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Application of Advanced Electron Microscopy in Materials Science

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 June 2023)

Message from the Guest Editor

Dear Colleagues,

The journal *Materials* invites submissions to the Special Issue “Applications of Advanced Electron Microscopy in Materials Science”.

This includes original work in the areas of advanced electron microscopy, where the specific areas of interest include new microscopy techniques and applications.

The Special Issue also welcomes contributions from a wide range of disciplines, including nanostructured materials, catalysts, magnetic nanoparticles, 3D tomography, in situ electron microscopy and cryo-electron microscopy (in infectious disease, structural biology drug discovery and neurodegenerative disease research).

Moreover, the Special Issue welcomes new methodological developments and up-to-date reviews of the state-of-the-art classification tools with interesting applications. All submissions must contain original unpublished work that is not under considered for publication elsewhere and must follow the submission guidelines given on the journal’s homepage.

Submissions will be refereed according to the standard procedures for the journal *Materials*.

Dr. Ioannis Tsiaoussis

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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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