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Functional Crystals and Thin Film Materials

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Message from the Guest Editor

Dear Colleagues,

Functional materials, a kind of advanced and engineered material, have been designed and constructed with various characteristics. Because of their excellent properties, which include magnetism, electrical and optical properties, a large specific surface area, and superior mechanical capabilities, functional materials are widely used in a variety of fields, including information, engineering, medicine, and space applications.

For this Special issue, we would like to invite contributions from researchers working on the growth and development of crystal and novel thin films, epitaxy, coating, interface and surface analysis, surface characterization, the study of relevant properties, and growth materials (including thin films, crystals, and nanostructures).

Original research articles as well as reviews are both welcome in this Special Issue. Topics of interest may include, but are not limited to, the following:

- The synthesis methods of functional materials;
- The growth of crystals;
- The deposition of thin films, coatings, or junctions;
- The engineering and modulation of properties;
- Material characterization methods.



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Special Issue



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Message from the Editor-in-Chief

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