Special Issue

Ceramics and Glasses: Optical Properties and Applications

Message from the Guest Editor

The objective of this Special Issue is to learn about the latest developments in the optical properties of ceramic and glass materials. Due to new technological demands, we must search for the novel properties of these types of materials. Additionally, the synthesis and processing of new materials with properties of interest are also of special relevance. These materials will be used in new technological applications in the fields of renewable energy, the digitalization of industrial systems (industry 4.0) and artificial intelligence. This Special Issue will publish high-quality, original research papers, in the overlapping fields of:

- Ceramics;
- Glasses;
- Vitroceramics;
- The synthesis and processing of materials;
- Characterization techniques;
- Optical properties;
- Nanomaterials;
- Thin layers;
- Nonlinear optical properties;
- Optoelectronic properties;
- Photovoltaic materials.

Keywords: ceramic materials and glasses; optical and optoelectronic properties; glass ceramics; synthesis and processing; thin films; nanomaterials; characterization techniques; photovoltaics; nonlinear optical properties

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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