

Special Issue

Glass Ceramics: Properties, Characterization and Applications

Message from the Guest Editors

Glass ceramics, composite materials comprised of amorphous and crystalline regions, may possess exceptional properties not found in other materials. Near-limitless combinations of glass and ceramic constituents are possible. As such, they may be uniquely suited to solve material-related problems for a variety of applications within the aerospace, electronics, medical, and optical fields. The synthesis and characterization of these multiphase materials may present unique challenges, however. This Special Issue serves to highlight the many varied applications of glass ceramics materials, their properties, and the specialized characterization techniques used to investigate these remarkable materials.

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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.

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