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Relationship between Structure and Properties of Glass/Ceramic Materials

Guest Editor:

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Deadline for manuscript submissions:

closed (30 November 2021)

Message from the Guest Editor

Glasses, glass–ceramic, and ceramic materials are used in a variety of applications across all industry branches, e.g., automotive, construction, medicine, space, and aeronautics. The use of these materials is always defined by their physicochemical properties, such as mechanical strength, chemical resistance, and glass transition temperature.

Therefore, this Special Issue is focused on presenting the fundamental correlation between structure, microstructure, and properties of glasses, glass–ceramic, and ceramic materials. Moreover, works elucidating the relationship between structure and physicochemical properties of solid materials as well as glass/ceramic layers on the metallic substrates are of great interest. It is highly recommended to include the experimental structural investigation confirming theoretical considerations.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full research papers, communications, and reviews are highly welcome.



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Special Issue



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Message from the Editor-in-Chief

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