



Advances in Structural Ceramic Materials

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Message from the Guest Editor

This Special Issue aims at advances in structural ceramic materials from two perspectives. The first point of view is material science representing the development and characterization of new structural ceramic materials. The second one—which is equally important—is the engineering point of view, representing ceramics processing from powder technology to compounding, forming and shaping, and sintering and machining.

I would like to encourage scientists from both fields to contribute short communications, full articles, and reviews to this Special Issue. The topics to be addressed are, e.g.:

- Oxide ceramics (alumina, zirconia, composites);
- Non-oxide ceramics (silicon carbide, silicon nitride, composites);
- Characterization (microstructure, mechanical properties at ambient and high temperature, fracture mechanics);
- Processing of ceramics;
 - Powder technology;
 - Compounding of feedstocks;
 - Shaping of components (conventional and additive);
 - Sintering (conventional, pressure assisted, SPS);
 - Machining (green machining, final machining, non-conventional machining).





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Message from the Editor-in-Chief

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