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# Structure and Mechanical Properties of Ceramics and Ceramic Composites

Guest Editor:

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Deadline for manuscript submissions:
**closed (20 January 2024)**

## Message from the Guest Editor

Dear Colleagues,

Ceramics and ceramic composites are widely used in various fields of engineering and technology due to their unique properties, such as high strength, hardness, wear resistance, thermal stability, and chemical inertness. We are pleased to invite you to share your latest findings and advances in this field, and to discuss the current challenges and future opportunities for ceramics and ceramic composites.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Exploring the underlying fundamental linkages between microstructure and properties of ceramics and ceramic composites.
- Developing innovative processing techniques such as 3D printing to achieve desired properties in ceramics and ceramic composites.
- Investigating the effects of tailoring composition and processing parameters on the properties of ceramics and ceramic composites.
- Exploring the change of surface and subsurface structure during conventional machining process using molecular dynamics simulations.

I look forward to receiving your contributions.

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## Editor-in-Chief

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## Message from the Editor-in-Chief

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