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# **Development and Application of High-Temperature Ceramics**

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Deadline for manuscript submissions:

closed (10 June 2023)

# **Message from the Guest Editors**

Due to the more severe service environment that hightemperature ceramics are subjected to, requirements are put forward for their performance. Thus, some new analytical models, as well as preparation, characterization and test methods for high-temperature ceramics have been proposed. We are delighted to invite contributions to this Special Issue on "Development and Application of High-Temperature Ceramics". In the collection, we hope to underline recent advances related to processing, microstructures, property characterization and optimization, and damage failure mechanism analyses for high-temperature ceramics. Consequently, research topics of interest may include, but are not limited to: processing; strengthening and toughening; property characterization; theoretical modeling; and damage failure mechanism analysis. Manuscripts in the form of full research papers, communications and review articles are all encouraged.

- high-temperature ceramics
- strengthening and toughening
- mechanical properties
- high-temperature applications
- service performance
- damage failure mechanism analysis
- ceramic matrix composites













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## **Editor-in-Chief**

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## **Message from the Editor-in-Chief**

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