## Special Issue

## Advanced Ultra High Temperature Ceramic Composites

### Message from the Guest Editor

Advanced ultra high temperature ceramic composites (e.g. oxide, carbide, nitride, boride and metal-matrix composites) possess excellent high-temperature mechanical and functional properties, which have been extensively used in many high-technical industrial fields such as aerospace, metallurgy, oil & gas, nuclear power, and energy. This Special Issue will focus on the recent research progess on advanced ultra high temperature ceramic composites, so as to provide a new insight into the current status and future prospects in this field. Topics of interest for publication include, but are not limited to, the following:

- Multi-scale composition design
- Novel synthesis methods and preparation techniques
- Sintering/densification/solidification mechanisms
- Microstructural characterizations
- Properties and applications

It is my great pleasure to invite every one to submit a manuscript for this Special Issue. Full papers, communications, and reviews on any aspect of ultra high temperature ceramic composite are all welcome.

#### **Guest Editor**

Prof. Dr. Haijun Su

State Key Laboratory of Solidification Processing China, Northwestern Polytechnical University, Xi'an 710072, China

### Deadline for manuscript submissions

closed (25 December 2021)



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Energies Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 energies@mdpi.com

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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