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## Production and Characteristics of Ceramic Matrix Composites with a Two-Dimensional Dispersed Phase

Guest Editor:

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Deadline for manuscript submissions:

**closed (30 September 2021)**

### Message from the Guest Editor

Dear Colleagues,

This Special issue is focused on such two-dimensional particles as graphene, hexagonal boron nitride, molybdenum sulfide, etc.

Summarizing, this issue will accept papers concerning:

- Raw materials and mixture preparation for densification process;
- Sintering aids for final material manufacturing;
- Various production processes of dense, uniformed, gradient, and controlled porosity materials;
- Anisotropic properties of 2D ceramic matrix composites;
- Wear and oxidation resistance of sinters;
- Thermal and electrical properties;
- Application test of 2D/ceramic composites;
- 2D/ceramic composites shaping mechanical, electrical discharge machining, subtractive laser processing, and additive manufacturing;
- High temperature ceramic filters;
- Refractory materials containing 2D particles;
- Thermal computer simulation of properties of 2D/ceramic composites.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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