



Feature Papers in Refractories and Ceramics: Microstructure, Properties and Applications, Volume II

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Message from the Guest Editors

Dear Colleagues,

Refractories, as a class of ceramics with high fusion points, are basic materials in high-temperature industries. Today, “new refractory” is being developed to not only meet the high-temperature support of fine structure precise regulation but also to be designed or tailored to special functional requirements. It is extending the frontiers of design and preparation of traditional high-temperature ceramics and allows significant improvements in high-temperature industries on economic and environmental impacts. In addition, the “structure–function” relationship of these ceramics as related to their high-temperature service performance should be known for every application.

This Special Issue focuses on the development of new refractories and novel ceramics. The potential topics include but are not limited to:

- Functional refractory;
- Novel ceramics;
- Non-oxide ceramics;
- High-temperature heat-insulating materials;
- Green ecological refractory;
- Refractory castable;
- Refractory raw materials;
- High-temperature behavior;
- Refractory and inclusions.





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Message from the Editor-in-Chief

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