Special Issue

Processing, Microstructure and Properties of Cemented Carbide

Message from the Guest Editor

Cemented carbide is one of the most widely utilized powder metallurgy products worldwide due to its excellent hardness, strength and wear resistance. The cemented carbide industry has developed significantly with advancements in technology and the continued expansion of the market. Advancements in cemented carbide, including the development of new alloys; preparation technology; and series wear resistance, corrosion resistance, high-temperature oxidation resistance and fracture toughness, is the scope of this Special Issue. The purpose of this Special Issue is to focus on the processing, microstructure and properties of cemented carbides. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) novel cemented carbide systems, new cemented carbide preparation technology, and recent research progress in cemented carbide. I look forward to receiving your contributions.

Guest Editor

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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