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

Prof. Dr. Huichao Cheng

State Key Laboratory of Powder Metallurgy, Central South University, Changsha 410083, China

Deadline for manuscript submissions

10 August 2025



Metals

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



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

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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.

Editors-in-Chief

Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

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