Special Issue

Powder Metallurgy of Metallic Materials

Message from the Guest Editor

Powder metallurgy (PM) is a cost-efficient approach to fabricate metallic components by near-net-shape manufacturing. The increasing market share of PM metallic materials will reduce the use of traditional forming technologies. A key example is the additive manufacturing of powder bed fusion. This Special Issue of *Metals* on the "Powder Metallurgy of Metallic Materials" will focus on the most recent innovations in all the fundamental and applied aspects of novel material fabrication using powder metallurgy technologies and their properties. Specific topics of interest include (1) mechanical alloying; (2) sintering; (3) innovative preparation methods; (4) developing new alloys and composites; (5) designing novel microstructures; (6) high-performance compacted or porous materials; and (7) additive manufacturing preparation from powders. Review articles and research papers are highly desired to be submitted before the deadline.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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