



## Precursors Strategy to Access Multi-Metallic Functional Alloys and Composites

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### Message from the Guest Editors

Direct melting and sintering can be considered as classical and the easiest approaches to obtain multicomponent alloys and composites. Nevertheless, novel applications such as catalysis, sensors, and energy converters require preparation of nanostructured materials unevaluable by conventional techniques. The precursor strategy allows preparing multicomponent materials with various functionality and dimensionality. The precursor strategy to access metallic and composite materials includes use of inorganic, coordination compounds as well as solid-state, liquid-, and gas-phase reactions to control composition, morphology, and properties of final alloys and their composites.

This Special Issue welcomes original research papers and reviews on all aspects of the precursor approach to access multicomponent alloys and nanostructured materials based on particles, layers, and bulk phases. Submissions are especially welcomed which might open a door to novel routes for using single-source precursors to access multicomponent materials and application of the strategy to construct devices and prototypes.





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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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