# **Special Issue**

# **Advanced Refractory Alloys**

## Message from the Guest Editors

Advanced refractory alloys, in particular refractory intermetallic composites (RMICs), such as Nb-silicide in situ composites and Mo-silicide based alloys, refractory high entropy alloys (RHEAs), refractory complex concentrated alloys (RCCAs) and refractory complex concentrated superalloys (RSA), attract much attention as perspective structural materials for use at temperatures much beyond Ni-based superalloys. This special issue of Metals will publish original experimental and theoretical work, as well as review papers, related to the development, processing, and microstructure and property characterization of these advanced refractory alloys.

- advanced refractory alloys
- refractory intermetallic composites
- high entropy alloys
- complex concentrated alloys
- processing
- microstructure
- mechanical properties
- functional properties
- oxidation behavior
- high-temperature properties

#### **Guest Editors**

Dr. Oleg N. Senkov

Air Force Research Laboratory, Wright-Patterson Air Force Base, Dayton, OH, USA

Prof. Dr. Panos Tsakiropoulos

Department of Materials Science and Engineering, Faculty of Engineering, Sir Robert Hadfield Building, The University of Sheffield, Mappin Street, Sheffield S1 3JD, UK

Prof. Dr. Jean-Philippe Couzinie

University Paris-Est Créteil, France

## Deadline for manuscript submissions

closed (31 December 2021)



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Impact Factor 2.5 CiteScore 5.3



mdpi.com/si/60975

Metals
Editorial Office

MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41616837734 metals@mdpi.com

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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

### 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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