

## Special Issue

# Selected Papers from 5th International Conference on New Materials and High Technologies (NMHT-2022)

### Message from the Guest Editors

The Special Issue outlines recent advancements in the consolidation/combustion-aided production of materials as an important branch of modern science and technology. Novel technologies for manufacturing promising materials stimulate the development of basic sciences and contribute significantly to the evolution of traditional production methods such as powder metallurgy, conventional/pressure sintering, casting, extrusion, hot isostatic pressing, etc. The Special Issue will combine leading papers on the subject area and the best manuscripts from the 5th International Conference on New Materials and High Technologies (NMHT-2022), which will be held as part of the 8th International Congress on Energy Fluxes and Radiation Effects (EFRE) on 2–8 October 2022 in Tomsk, Russia. For more detailed information, please visit the website: <https://efre2022.hcei.tsc.ru/information/organization/nmht.html>.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2023)



## Metals

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## About the Journal

### 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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### Editors-in-Chief

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2024).