

Special Issue

Phase and Structure Analysis of Alloys and Metal Matrix Composites

Message from the Guest Editors

We cordially invite you to publish original scientific articles describing the results of research works or review articles in the Special Issue entitled "Phase and Structure Analysis of Alloys and Metal Matrix Composites". New metal matrix alloys and composites are materials that can have unique physical, chemical, and mechanical properties. This allows them to be used in numerous and advanced applications. These materials are in the mainstream of global research; therefore, in order to better understand the mechanisms occurring in such materials, and thus model and design them more effectively, it is necessary to fully understand and describe their structure and relate it to the specific properties of these materials. Therefore, the submitted works may concern both innovative engineering materials, alloys, and composites with modified structures and physico-chemical properties, as well as original technological modifications used in the manufacturing methodology. Papers can also focus on developing new technological solutions and mathematical models to formulate new conclusions.

Guest Editors

Prof. Dr. Małgorzata Karolus

Institute of Materials Engineering, Faculty of Science and Technology, University of Silesia in Katowice, 40-007 Katowice, Poland

Prof. Dr. Sabina Lesz

Department of Engineering Materials and Biomaterials, Faculty of Mechanical Engineering, Silesian University of Technology, 44-100 Gliwice, Poland

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

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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