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Microstructures and Mechanical Properties of Al Alloy

Guest Editors:

Prof. Dr. Marcello Gelfi

Department of Mechanical and Industrial Engineering (DIMI),
University of Brescia, via Branze
38, 25123 Brescia, Italy

Dr. Marialaura Tocci

Department of Mechanical and Industrial Engineering (DIMI),
University of Brescia, via Branze
38, 25123 Brescia, Italy

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Message from the Guest Editors

Nowadays, Al alloys are attracting more and more interest due to their peculiar properties, as such as high strength/weight ratio, good castability or formability, corrosion resistance, and so on. The applications of Al-based alloys are countless and their use is growing in various fields, from automotive and aircraft to packaging industries. According to the chemical composition of the alloy, the possible manufacturing processes are also various, ranging from foundry techniques to plastic deformation processes, together with additive manufacturing technologies. Therefore, the study of these alloys is fundamental in a constant effort towards exploiting their full potential.



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Special Issue



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Editor-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

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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