Special Issue

Behavior, Damage and Fracture of Aluminum Alloy: Experiments and Modeling

Message from the Guest Editors

The aim of this Special Issue is to publish scientific papers related to the behaviour of aluminium alloy for a wide range of loading and applications. Therefore, this Special Issue includes several aspects as experiments, modelling, and numerical work. In terms of loading, it will cover mechanical behavior in different applications involving low and high strain rates, fatigue, fracture, and damage. Works on processing alloys are also welcome, including high-speed machining and nonconventional processes. Papers related to additive manufacturing may be considered if the material is characterized in terms of mechanical properties. We look forward to receiving many proposals for the Special Issue on "Behavior, Damage, and Fracture of Aluminum Alloy: Experiments and Modeling". We are sure that this Special Issue will be useful for people working in this specific field, and for doctoral students and postdocs. It will cover experiments, modelling, and computing.

Guest Editors

Prof. Alexis Rusinek

LEM3 - Laboratory of Microstructure Studies and Mechanics of Materials, UMR-CNRS 7239, Lorraine University, 7 rue Félix Savart, BP 15082, 57073 Metz, CEDEX 03, France

Prof. Dr. Maria Henar Miguélez

Department of Mechanical Engineering, University Carlos III of Madrid, 28903 Getafe, Spain

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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 Editor-in-Chief

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.

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

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