Special Issue

Dynamic Behaviour of Metallic Materials

Message from the Guest Editors

The aim of this Special Issue is to publish scientific papers related to the dynamic behaviour of materials, from their characterisation to their application in industrial problems such as impact, explosion or high-speed machining. This Special Issue focuses on experimental and numerical work in terms of the dynamic compartmentalization of metallic materials. Metal materials are subjected to dynamic problems involving high strain rates, high strains, high temperatures, impacts or high pressures. This Special Issue involves dynamic characterization or dynamic industrial processes. In addition to the behaviour of the material, works and documents related to fractures and damage under the extreme conditions described above will be considered. I look forward to receiving many proposals for a special high-impact issue on the "Dynamic Behaviour of Materials and Structures". I am sure that this Special Issue will be useful for people working in this specific field, and also for doctoral students. It will cover experiments, modelling and computing.

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Deadline for manuscript submissions

closed (10 February 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/39674

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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.

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