Special Issue

Formability of Materials

Message from the Guest Editor

In the last decades, the trend in the manufacturing industry has led to the production of products with better properties, of lighter weight, with less waste, that are more profitable and more sustainable. These challenges have caused a need to develop new and/or improve the existing manufacturing processes applied to new materials. To achieve this, the knowledge of the limits of the formability of materials will determine the success of industrial processes. Formability limits are a measure of the plastic deformation that a material can reach without failure. Depending on the raw material, and whether it is bulk or sheet, failure is triggered by different modes. These limits can be determined by means of experimental tests, and in recent years, due to techological advances, new methodologies have been developed to obtain them more accurately. It is my pleasure to invite you to submit a manuscript or review to this Special Issue on the definition of the field formability limits of metallic or polymeric materials.

Guest Editor

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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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