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Formability of Materials

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2020)

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.

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Message from the Editor-in-Chief

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