

## Special Issue

# Digital Image Correlation (DIC) Analysis in Metal Forming Processes

### Message from the Guest Editors

Digital Image Correlation (DIC) is a methodology that basically compares images, taken at different time intervals, of two or more surfaces to obtain quantitative measurement of motions and deformations.

DIC techniques are easy to implement and can measure displacements to 1/100th of a pixel. Their flexibility and multidisciplinary nature allow DIC to be used in many applications. Particularly in metals forming, DIC techniques are mainly used for: characterization, identification, cross-validation and control of mechanical parameters in testing machines.

This special issue aims to collect the recent progress in DIC applied to metal forming, regardless of the imaging technique used (regular and high-speed cameras, SEM, AFM, CT, X-ray, ...). Researchers are invited to submit regular papers, short communications, and review articles, featuring their contributions in this field, ranging from early-stage developments to full scale-up applications, comprising the use of DIC applied to metal forming.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2022)



## Metals

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## About the Journal

### Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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### Editor-in-Chief

Prof. Dr. Yong Zhang

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