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Recent Achievements and Developments in Micro/Nano-Forming: Theory, Technology and Applications

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Message from the Guest Editors

Micro/nanoforming is a process to produce parts and structures with at least two dimensions ranging from sub-millimeter to nanometers using plastic deformation, which has the attractive advantages of high productivity, low cost, near-net-shape, and excellent mechanical properties. However, micro/nanoforming is far less established due to the so-called size effect in terms of the materials model, process laws and tooling design, etc. The understanding of basic issues on micro/nanoforming is not yet mature and is currently a topic of rigorous investigations.

This Special Issue is an attempt at reporting recent findings in the field of micro/nanoforming. The primary objective of the *Materials* Special Issue is to present the latest achievements in basic theory, materials, processes, tooling design, and fabrication for micro/nanoforming, especially in the multiscale model of size effects, micro/nanoforming processes in new materials, and nontraditional energy field micro/nanoforming. Other new findings about micro/nanoforming are also suitable for this issue.













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Message from the Editor-in-Chief

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