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Advanced Metal Forming Processes

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Message from the Guest Editors

The plastic deformation of metals and alloys is very important in metal forming processes. Metal forming processes are characterized in that the metal being processed is plastically deformed in order to shape it into a desired geometry. Along with the change in size and shape of a plastically deformed product, the structure and properties vary. This makes it possible to use a plastic deformation process step, modifying the structure and properties of the metals and alloys in the desired direction. Many procedures and methods exist, such as traditional (forging, extrusion, pressing, and rolling) and advanced metal forming processes, for example, severe plastic deformation processed (equal channel angular pressing (ECAP), equal channel angular rolling (ECAR), and highpressure torsion (HPT)); and additive manufacturing processes (powder bed fusion).

This Special Issue aims to present the latest works in the research and development of advanced metal forming processes. It is our pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are welcome for submission.









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Message from the Editor-in-Chief

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