Special Issue

Measuring and Managing Metal-Forming Processes

Message from the Guest Editors

Metal forming encompasses a wide range of techniques, including forging, rolling, extrusion, and stamping, which are utilized across various industries from automotives to aerospace and construction. We welcome submissions on various aspects of metal forming processes, including, but not limited to:

- Metal-Forming Techniques: Forging, rolling, extrusion, stamping, and other forming processes.
- Materials and Metallurgy: Advances in material selection, behavior, and properties during forming.
- Process Optimization: Computational modeling, simulation, and process control for improved efficiency and product quality.
- Tooling and Die Design: Innovations in tooling materials, design, and maintenance.
- Surface Finish and Coatings: Strategies to enhance the surface quality and corrosion resistance of formed components.
- Energy Efficiency: Sustainable practices and energy-efficient technologies in metal forming.
- Quality Assurance: Inspection, metrology, and quality-control methodologies.
- Industry Applications: Case studies and applications in automotive, aerospace, construction, and other sectors.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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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