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Advances in Sheet Metal Forming Processes of Lightweight Alloys, 2nd Edition

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Deadline for manuscript
submissions:

closed (20 May 2024)

Message from the Guest Editors

This Special Issue focuses on the characterization techniques and advanced predictive models developed for such processes. Papers from various disciplines with a common theme of metal forming are invited and may fall under (although they are not limited to) the following topics:

- Advanced FE simulations of metal-forming processes;
- Post-form strength characterization and modeling;
- Heat transfer characterization and modeling;
- Friction, wear, and lubrication characterization and modeling;
- Formability, necking, and failure prediction;
- Novel experimental techniques for metal forming process characterization;
- Measurement systems for extracting valuable data from metal forming processes;
- Data-driven techniques for process development.



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Special Issue



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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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