

Special Issue

Laser Additive Manufacturing of Metallic Materials

Message from the Guest Editors

This Special Issue seeks research papers and review articles that focus on novel development of metallic additive manufacturing. The scope covers all relevant topics, including (but not limited to) laser/electron beam–material interaction; melt flow behavior; process modelling; porosity formation mechanism; cracking mechanism; novel metallurgical phenomena; new microstructural and mechanical property development; defect and microstructural control; stress development and control; novel metallic material development; new structural design and fabrication; and new applications. Keywords

- Metallic additive manufacturing
- 3D printing
- Microstructural control
- New materials development

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