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Correlation between Microstructure and Macromechanical Properties in Additive Manufacturing and Welding

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Deadline for manuscript submissions: closed (12 December 2022) Message from the Guest Editors

This Special Issue aims to bring together state-of-the-art research results, including but not limited to microstructure formation and macromechanical properties in additive manufacturing or welding, and to help researchers around the world to better track the latest research progress and further advance the development of additive manufacturing and welding together to make high-performance parts.

Potential topics include, but are not limited to:

- Process-structure-performance relationships;
- Microstructure evolution and its formation mechanism;
- Residual stress distribution and its formation mechanism;
- Micro-and macromechanical properties;
- Role of microstructure in mechanical properties;
- Additive manufacturing and welding of highperformance parts;
- Future perspectives for additive manufacturing and welding.

Specialsue







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Message from the Editor-in-Chief

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