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Powder Bed Fusion and Direct Deposition in Additive Manufacturing of Metals: Methods, Materials, and Their Properties

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Message from the Guest Editors

Currently, different additive manufacturing techniques with various mechanisms, such as powder bed or direct deposition, are being used to fabricate metal components. Additionally, the use of different bonding techniques, such as binder jetting, sintering, or melting, and energy sources such as laser beams, electric arcs, or electron beams make each metal additive manufacturing method distinct from others in terms of its core nature. Consequently, based on these features, additive manufacturing methods can be used in different scenarios and yield final products with distinct and different properties.

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Message from the Editor-in-Chief

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