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Sensing in Intelligent and Unmanned Additive Manufacturing

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Message from the Guest Editors

This Special Issue on Sensing in Intelligent and Unmanned Additive Manufacturing delves into the exponential growth and promising future of additive manufacturing technology. Despite the rapid advancements in this field, the production of large and intricate structures with optimal efficiency and quality remains a challenge. The emergence of intelligent and unmanned additive manufacturing is anticipated to not only transform manufacturing processes but also drive its widespread industrial adoption on a monumental scale. Sensing technology serves as the cornerstone in facilitating intelligent additive manufacturing systems by furnishing critical data for real-time monitoring and precise control of the manufacturing process.

This Special Issue is dedicated to exploring a spectrum of sensing technologies, methodologies, and algorithms that are pivotal in propelling the evolution of intelligent and unmanned additive manufacturing.



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Special Issue



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Message from the Editor-in-Chief

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