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Sensing in Intelligent and Unmanned Additive Manufacturing

Guest Editors:

Dr. Longxi Luo

School of Mechanical Engineering, Beijing Institute of Technology, Beijing 100080, China

Prof. Dr. Changmeng Liu

School of Mechanical Engineering, Beijing Institute of Technology, Beijing 100081, China

Dr. Yueling Guo

School of Mechanical Engineering, Beijing Institute of Technology, Beijing 100081, China

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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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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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