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Sustainable Additive Manufacturing: Design, Processes and Production Control

Guest Editors:

Prof. Dr. Johnnatan Rodríguez

Departamento de Ingeniería
Mecánica, Universidad EIA,
Envigado 055428, Colombia

Dr. Julian Avila

Campus of São Joao da Boa
Vista, São Paulo State University
—UNESP, São Paulo 13870-000,
Brazil

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Message from the Guest Editors

This Special Issue aims to showcase state-of-the-art research and advancements in sustainable additive manufacturing, emphasizing the critical aspects of design, processes, and production control. We are seeking contributions that explore new approaches, methodologies, and technologies to reduce environmental impact, optimize resource utilization, and promote a more sustainable future for additive manufacturing

Potential topics of interest include, but are not limited to, the following:

- Innovations in eco-friendly materials for additive manufacturing;
- Energy-efficient and resource-conscious additive manufacturing processes;
- Life cycle assessments and environmental impact studies of additive manufacturing techniques;
- Integration of renewable energy sources in additive manufacturing facilities;
- Recycling and waste reduction strategies in additive manufacturing;
- Novel designs and strategies for enhancing material efficiency in additive manufacturing;
- Advances in real-time monitoring and control systems for sustainable production.



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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