



Digital Manufacturing and Industrial Sustainability

Guest Editors:

Dr. Melissa Demartini

Department of Technology and
Innovation, University of
Southern Denmark, Campusvej
55, DK-5230 Odense M, Denmark

Prof. Dr. Flavio Tonelli

Department of Mechanical
Engineering, Energetics,
Management and Transportation
(DIME), Polytechnic School
University of Genoa, 16145
Genova, GE, Italy

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Message from the Guest Editors

In recent years, interest on digital transformation has risen significantly in both the academic and the business communities. Digital technologies have been shown to perform a potential role also in developing a resource-efficient industrial system. Their effective adoption can help to deliver reduced costs and improve the sustainability of manufacturing processes. Having a more efficient industrial base is a key component of the circular economy paradigm. The new business mindset of the circular economy could strongly benefit digital technologies. Thus, a connection between industrial sustainability, digital transformation, and the circular economy has to be studied, analyzed, and hopefully operationalized in order to promote a different perspective on the organizational and operational systems of production and consumption—one which could be focused on restoring the value of used resources. The objectives of this Special Issue are to provide a snapshot of the status, potential, challenges, and recent developments of digital manufacturing and industrial sustainability system (i.e., a firm or a network of them) and to open a discussion for new ideas.





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Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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MDPI, St. Alban-Anlage 66
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