



Sustainable Design in Advanced Manufacturing

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Message from the Guest Editor

There is an inevitable need to develop technological innovations and sustainable design strategies that would encourage the advanced manufacturing sector to deploy cost-effective renewable energy solutions and harmonized production systems capable of better matching fluctuating customer demands while minimizing the environmental impacts.

This Special Issue aims to promote sustainable design strategies in the advanced manufacturing sector and proposes a collection of studies that combine the concepts mentioned above, namely:

Alternative/sustainable feedstocks; Decision-making methods in sustainable design; End-of-life cycle product management and analysis; Sustainable manufacturing design concepts and tools; Waste reduction and utilization of waste/byproduct streams; Advanced manufacturing process/product development and improvement; Low-temperature, low-energy manufacturing processes; Smart and advanced process control solutions and real-time monitoring; Design for sustainable manufacturing; Zero emissions manufacturing; Production optimization in sustainable manufacturing; Remanufacturing and recycling systems.





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Message from the Editor-in-Chief

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