



Applied Industrial Technologies Correlated to Advanced Decision-Making Techniques in Dynamic Industry 4.0 Sustainable Engineering Processes

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Message from the Guest Editors

The globalized market and digitally supported industry, regardless of the production type, from the most basic job shop to mass personalized production, aim to optimized engineering processes. In the era of Industry 4.0 (and beyond), where the high complexity of engineering processes is reflected in applied cases of the multi-criteria decision making, optimization problems need to be solved with advanced evolutionary computation methods, complex systems simulations, and new visual computing approaches. Personalized products in Industry 4.0 manufacturing systems are represented by the high-mix, low-volume production type, for which adequate evaluation of different optimization parameters is crucial. The impact of highly dynamic processes needs to be further explored to sustainably justify engineering processes in globalized markets.

This Special Issue aims to incorporate recent developments in decision-making techniques, Industry 4.0 and sustainable engineering processes. We sincerely hope that contributed articles and our effort in compiling them will enrich the global scientific knowledge base and inspire researchers to conduct further state-of-the-art research.





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Message from the Editor-in-Chief

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