

Special Issue

Smart Manufacturing and Processes Optimization: Toward More Sustainable Production Systems

Message from the Guest Editors

Manufacturing processes keep evolving. In fact, the need to process new materials, the incessant search for process automation and cost reduction, as well as the need to care for the environment and make processes more sustainable in economic, environmental, and social terms, implies constant research around an immense range of manufacturing processes. This Special Issue aims to reveal the most recent studies carried out in the manufacturing area with a view to optimizing processes in their most diverse aspects: automation and robotization, design of new equipment, study of the best processing parameters, systems capable of guaranteeing quality, capable of reducing the cycle time of certain operations, the integration of production systems, systems that improve the working conditions and health of operators, among many others. The Editors expect to receive contributions of the highest quality in terms of improving processes and working conditions, essentially with a view to increase sustainability.

Guest Editors

Dr. Francisco J. G. Silva

Dr. Raul D. S. G. Campilho

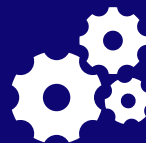
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closed (30 September 2023)



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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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