



## Smart Factory, Industry 4.0 and Sustainability

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### Message from the Guest Editors

Machine learning and artificial intelligence (AI) techniques allow researchers to enhance decision support in all processes and to create new opportunities for industrial organizations, reducing significantly costs while improving efficiency and performance. Moreover, Industry 4.0 will have a huge impact on the environment, conserving energy, resources and reducing carbon emissions, and thus contributing significantly and positively to the sustainability desideratum.

In this context, the guest editor of this Special issue invites academic researchers and the industrial community in general to submit contributions related to the topics that are linked to the set of keywords referred to below.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: smart sensors; smart factories; Industrial Internet of the Things (IIoT); Industry 4.0; condition-based maintenance; machine learning and deep learning; artificial neural networks and neuro-fuzzy models in industrial applications: artificial intelligence (AI) and industrial applications; big data analytics; and sustainability.





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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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