Recent Advances in Machine Learning and Computational Intelligence

Guest Editors:

Dr. Yue Wu
Department of Computer Science and Technology, Xidian University, Xi'an 710071, China

Dr. Xinglong Zhang
College of Intelligence Science and Technology, National University of Defense Technology, Changsha 410073, China

Dr. Pengfei Jia
School of Electrical Engineering, Guangxi University, Nanning 530004, China

Message from the Guest Editors

Dear Colleagues,

Machine learning and computational intelligence have been applied to various areas and witnessed many successes. Researchers explore many intelligent algorithms which are characterized by computational adaptability, robustness, and high performance. These algorithms facilitate intelligent behavior in complex and dynamic environments and the development of technology that enables machines to think, behave, or act more humanely.

This Special Issue aims to present and discuss the most recent innovations, trends, concerns, challenges, solutions, and application fields in machine learning and computational intelligence. The topic of interest include but are not limited to:

Artificial Intelligence in general, and deep learning, machine learning, data mining;
Reinforcement learning and applications;
Intelligent control, neuro-control, and their applications;
Decision making, planning, and control for autonomous robots;
Intelligence sensors, evolutionary computation, fuzzy logic, etc.

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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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