Special Issue

Machine Learning in Control System: Latest Achievements, Challenges and Prospects

Message from the Guest Editor

The objective of this Special Issue is to highlight the latest research achievements on machine learning-based control to solve these arising challenges. The scope of this Special Issue includes, but is not limited to, modeling and control of dynamic systems using machine learning, reinforcement learning-based control, deep learning-based control, model-based control using machine learning, data-driven-based control using machine learning, applications of machine learning-based control systems, machine learning for adaptive control, and modeling dynamic systems using machine learning. This Special Issue is focused on new developments in the field of machine learning in control systems.

Guest Editor

Dr. Hossam S. Abbas

Institute for Electrical Engineering in Medicine, University of Lübeck, Moislinger Allee 53-55, 23558 Lübeck, Germany

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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.

Editor-in-Chief

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

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