

Special Issue

Deep Learning, Reconfigurable Computing and Machine Learning in Healthcare

Message from the Guest Editors

Machine learning, and in particular, the deep learning subfield, has receiving an extraordinary attention in both the scientific and professional communities. It is being applied in many areas of human knowledge, such as medicine, economics, education, and manufacturing.

The combination of large datasets, with powerful computer vision, pattern recognition, and text analysis algorithms, enables us to develop practical solutions in a variety of intelligent software and applications. These successes only seem to accelerate, with new algorithms, faster hardware, and carefully annotated datasets appearing every day. The aim of this Special Issue is to provide researchers and professionals with high-quality research papers addressing the latest advances in the following domains: machine learning, deep learning, dedicated accelerator hardware, and reconfigurable computing.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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