Application, Optimization and Architecture of Deep Learning Neural Network

Guest Editor:

Dr. Haigang Gong

School of Computer Science and Engineering, University of Electronic Science and Technology of China, Chengdu 611731, China

Deadline for manuscript submissions:
closed (20 May 2024)

Message from the Guest Editor

Dear Colleagues,

With the surge in images and videos that need to be processed, deep learning neural networks are becoming a popular and essential tool for solving various problems, such as classification, detection, and regression. The new deep architectures have led to advances in less computational resources and to more reliable results.

Therefore, in this Special Issue, we aim to present novel deep learning algorithms and their applications in various research fields. Submitted articles can cover various topics, including but not limited to deep learning, artificial intelligence, and the processing of large datasets from medical instruments, ground-based datasets, scientific experiments, and many other sources.

Dr. Haigang Gong
Guest Editor

mdpi.com/si/153375

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us