Application of Machine Learning and Data Mining in Electrical Engineering 2021

Guest Editor:

Dr. Richard J. J. Povinelli
Opus College of Engineering,
Marquette University, Milwaukee,
WI 53233, USA

Deadline for manuscript
submissions:
closed (30 April 2021)

Message from the Guest Editor

Dear Colleagues,

Artificial Intelligence and Machine Learning have existed as fields of study since the 1950s, experiences rises and falls in interest. We now are at a new high level of interest in these areas with many novel applications of machine learning. With Electrical Engineering systems generating large amounts of data, we can apply data mining to discover new relationships in these systems. With the advent of deep neural networks, we can learn new mappings between inputs and output of these systems. This Special Issue explores the latest findings in applying machine learning to Electrical Engineering systems. We welcome novel applications of machine learning and data mining in areas of electrical engineering, such as antennas, communications, controls, devices, hardware design, power and energy, sensor systems, and signal processing.

Dr. Richard J. Povinelli
Guest Editor

mdpi.com/si/49007

Special Issue

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us