electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 5.3

Deep Learning for the Internet of Things

Guest Editor:

Prof. Dr. Akbar Siami-Namin
Department of Computer Science, Texas Tech University, Lubbock, TX 79409, USA

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editor

This Special Issue aims to foster deep learning-based modeling, solutions, and approaches to problems in Internet of Things systems. It seeks to explore deep learning algorithms, including generative adversarial models, attention-based networks, deep reinforcement learning, and recurrent deep neural networks, in capturing features and modeling the behavior of the involved software and hardware components.

- Modeling IoT systems using deep learning;
- Generative adversarial networks (GANS) in IoT and CPS;
- Long short-term memory (LSTM) modeling of IoT time series data;
- Attention-based approaches to capture significant features in IoT;
- Deep learning-based modeling and experience in IoT-based applications such as smart building, healthcare, agriculture, manufacturing, left-driving cars, and cyber security;
- Deep reinforcement learning for modeling decision making and uncertainty in IoT.

Please click here to find information!
Welcome to contribute!

electronics

IMPACT FACTOR 2.6

CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI