Special Issue

Deep Learning for the Internet of Things

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!

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)

Electronics

Electronics

mdpi.com/journal/
electronics

About the Journal

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.

Editor-in-Chief

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).

MDPI