

Special Issue

Deep Learning Control for Sensors and IoT Applications

Message from the Guest Editors

With the aid of digital signal processing (DSP) and artificial intelligence (AI), supported by recent developments in nanotechnology, wonderful progress has been achieved in modernizing the magnificent fields of linear and nonlinear control. The emerging field of deep learning (DL) is currently leading a revolution in analyzing complex systems in various fields. Deep learning is giving hope in creating novel strategies for handling challenging problems of linear and nonlinear control systems and their emerging applications arising from the growing integration of control with modern technologies such as IoT communications and electronic sensing. Knowing that systems such as wireless sensor networks (WSNs), which are the backbone of IoT, are confronted by limited storage, power, and computation capabilities, the task of control in such environments would be more challenging, as the ordinary complex DSP and DL techniques might have to be reconsidered. This Special Issue aims to present state-of-the-art control strategies in the fields of sensors, WSNs, and IoT-related applications.

Guest Editors

Prof. Dr. Zahir M. Hussain

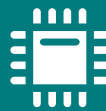
School of Engineering, Edith Cowan University, Joondalup, WA 6027, Australia

Dr. Katrina L. Neville

School of Engineering, RMIT University, Melbourne, VIC 3000, Australia

Deadline for manuscript submissions

closed (30 June 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/127644

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)