

Special Issue

Machine Learning in Electronic and Biomedical Engineering

Message from the Guest Editors

The Special Issue seeks to collect contributions from researchers involved in developing and using machine learning techniques applied to:

- Embedded systems for artificial intelligence (AI) applications, in which the interest is focused on implementing these algorithms directly in the devices, thus reducing latency, communication costs, and privacy concerns;
- Edge computing, where the aim is to process AI algorithms locally on the device, i.e., where the data are generated, by focusing on compression techniques, dimensionality reduction, and parallel computation.
- Wearable sensors for collecting biological data;
- Human activity detection as well as the diagnosis and prognosis of patients based on the investigation of data collected from sensors;
- Intelligent decision systems and automatic computer-aided-diagnosis systems for early detection and classification of diseases;
- Neuroimaging techniques such as magnetic resonance, ultrasound imaging, computed tomography to aid in the diagnosis and prediction of diseases.

Welcome to contribute.

Guest Editors

Prof. Dr. Claudio Turchetti

Department of Information Engineering—DII, Università Politecnica delle Marche, Via Brecce Bianche 12, I-60131 Ancona, Italy

Dr. Laura Falaschetti

Department of Information Engineering—DII, Università Politecnica delle Marche, Via Brecce Bianche 12, I-60131 Ancona, Italy

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closed (31 March 2022)



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

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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

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