

Special Issue

Machine Learning for EEG Signal Processing

Message from the Guest Editor

Selected papers which presented at the 1st International Workshop on Machine Learning for EEG Signal Processing (MLESP 2018) are invited to submit their extended versions to this Special Issue of the journal *Computers* after the conference. Submitted papers should be extended to the size of regular research or review articles, with at least 40% extension of new results. There are no page limitations for this journal. We are also inviting original research work covering novel theories, innovative methods, and meaningful applications that can potentially lead to significant advances in EEG data analytics. The main topics include, but are not limited to:

- EEG signal processing and analysis
- Time-frequency EEG signal analysis
- Signal processing for EEG Data
- EEG feature extraction and selection
- Machine learning for EEG signal processing
- EEG classification and clustering
- EEG abnormalities detection (e.g. Epileptic seizure, Alzheimer's disease, etc.)
- Machine learning in EEG Big Data
- Deep Learning for EEG Big Data
- Neural Rehabilitation Engineering
- Brain-Computer Interface
- Neurofeedback
- Biometrics with EEG data
- Related applications

Guest Editor

Prof. Dr. Larbi Boubchir

LIASD Research Lab., University of Paris 8, 2 Rue de la Liberté, 93526 Saint-Denis, France

Deadline for manuscript submissions

closed (31 December 2020)



Computers

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.5



mdpi.com/si/19406

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

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





Computers

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Paolo Bellavista

Department of Computer Science & Engineering (DISI), University of
Bologna, 40136 Bologna, Italy

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Interdisciplinary Applications) / CiteScore - Q1 (Computer Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).