Special Issue

Important Features Selection in Deep Neural Networks

Message from the Guest Editors

This Special Issue aims to cover recent advances in DNN architecture compression, attention-based optimisation and understanding the model results. Reviews and surveys of the state-of-the-art DNN compression and attention models are also welcomed. The topics of interest for this Special Issue include:

- DNN compression;
- DNN pruning;
- Attention-based modules;
- Transformers;
- Saliency-based explainability;
- Attention visualization;
- NLP and speech processing;
- Computer vision;
- Edge computing;

However, please do not feel limited by these topics; we will consider submissions in any area of feature selection in DNN architectures. Please click **here** to find more information!
Welcome to contribute!

Guest Editors

Dr. Matei Mancas

Dr. Jean-Benoit Delbrouck

Prof. Dr. Sidi Ahmed Mahmoudi

Deadline for manuscript submissions

closed (31 October 2022)

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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).