

## Special Issue

# Application of Neural Networks in Biosignal Process

### Message from the Guest Editors

Current advancements in neural networks show their great applicability for supervised and unsupervised signal preprocessing and classification. Many phases of the biosignal process can be augmented with the use of ANN, deep learning, and many types of machine-learning-based methods: Signal denoising, unsupervised clustering, dimensionality reduction, latent features extraction, classification, and compression are only a few examples of the many possible applications, important for accurate and effective biosignals processing. This Special Issue focuses on describing use cases of ANN in biosignal analysis, explaining innovative applications and new methods, and showing the benefits of neural networks in key phases of processing of signals or images. Keywords

- Neural networks
- Deep learning
- Unsupervised learning
- Signal preprocessing
- Feature extraction
- Signal and image classification

Welcome to contribute!

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### Guest Editors

Prof. Dr. Andrzej Czyżewski

Faculty of Electronics, Telecommunications and Informatics,  
Multimedia Systems Department, Gdansk University of Technology, 80-233 Gdańsk, Poland

Prof. Dr. Piotr Szczuko

Multimedia Systems Department, Gdańsk University of Technology,  
Gabriela Narutowicza 11/12, 80-233 Gdańsk, Poland

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### Deadline for manuscript submissions

closed (31 December 2021)



## Electronics

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*Electronics*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto: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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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