Technology and Applications of Brain-Computer Interfaces

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Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

The aim of the Special Issue is to host recent research advances in the field of technology and applications of brain–computer interfaces and to highlight research issues and still open questions. Potential topics include computational methodologies (but are not limited to):

- Applied and Computational Mathematics;
- Computational Intelligence;
- Machine Learning;
- Data mining;

when applied to:

- Medical data;
- Smart environment;
- Educational;
- Games and entertainment;
- Security and authentication;
- Neuromarketing.

Furthermore, software tools designed for addressing any of the above topics might also be considered for the SI.

- applied and computational mathematics (e.g., filtering, pre-processing);
- computational intelligence (e.g., fuzzy logic, deep neural networks, evolutionary computation, probabilistic methods);
- machine learning (e.g., support vector machine, Boltzmann machine);
- data mining (e.g., feature extraction, clustering)

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Special Issue

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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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