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# Technology and Applications of Brain-Computer Interfaces

Guest Editors:

### Message from the Guest Editors

Prof. Dr. Angelo Ciaramella

Dr. Alessio Ferone

Prof. Dr. Simone Fiori

Prof. Dr. Antonino Staiano

Prof. Dr. Toshihisa Tanaka

Deadline for manuscript submissions: closed (31 December 2022) 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);

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• data mining ( feature extraction, clustering)



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# **Editor-in-Chief**

#### Prof. Dr. Flavio Canavero

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### Message from the Editor-in-Chief

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