



Processing Techniques Applied to Audio, Image and Brain Signals

Guest Editors:

Prof. Dr. Lorenzo J. Tardón

Application of Information and
Communication Technologies
(ATIC) Research Group, ETSI
Telecomunicación, Campus
Universitario de Teatinos s/n,
29071 Malaga, Spain

Prof. Dr. Isabel Barbancho

ETSI Telecomunicación, Campus
Universitario de Teatinos s/n,
29071 Malaga, Spain

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

The following research topics are considered in this Special Issue:

- Applied audio signal processing:
- Applied speech signal processing: analysis, generation, identification, source separation, etc.
- Applied music signal processing: music transcription, interaction, creation, etc.
- Applied image processing:
- Applied image classification and retrieval: object identification, optical character recognition, optical music recognition, etc.
- Applied image enhancement, segmentation, transformation, etc.
- Applied brain signal processing: EEG, MEG, fMRI, etc., signal processing.
- Applied joint processing of visual stimuli and brain signals.
- Music signals and brain signal activity processing: mood, learning, listening, etc.
- Interaction and interfaces.

Keywords

- Audio signal processing
- Speech processing
- Music signal processing
- Music transcription
- Image processing





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci