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

Special Issue

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