Special Issue

Digital Audio Effects

Message from the Guest Editors

Digital audio effect applications are pervasive in many fields, from musical signal analysis and synthesis to music production, and from acoustics to machine listening. Innovations in this area are increasingly specialised and advanced, and can be rooted in several technical, artistic and psychological disciplines. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- Capture and analysis of audio and music
- Representation, transformation and modelling of audio signals
- Transmission and resynthesis of audio
- Effects and manipulation of musical sound
- Perception, psychoacoustics and evaluation
- Spatial sound analysis, coding and synthesis
- Audio source separation
- Physical, virtual acoustic and analogue modelling
- Sound synthesis, composition and sonification
- Hardware and software design for digital audio effects

Submissions will be judged on their academic quality, novelty, and relevance to the topic of digital audio effects, through peer review.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2019)

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About the Journal

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.

Editor-in-Chief

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