Journal of the
AUDIO ENGINEERING SOCIETY
CALL for PAPERS
SPECIAL ISSUE
NEW TRENDS IN AUDIO EFFECTS II

We are pleased to invite contributions to this second special issue on New Trends in Audio Effects to appear on the Journal of the Audio Engineering Society (**http://www.aes.org/journal/**).

In recent years, the field of Digital Audio Effects and Music Processing as a whole has experienced a swift change thanks to the availability of excess computing power. This has allowed the community to incorporate in the applications concepts drawn, for example, from advanced numerical methods, neural computing, and machine learning. Well-proven and consolidated methods are now competing alongside emerging techniques, which also have to stand the challenge of making algorithms more user-friendly and, in certain cases, guess the right parameters or setup of the effect and synthesis modules.

In this special issue, we welcome both original research papers and tutorials in one or more of the following topics:

- Capture and analysis of audio and music;
- Representation, transformation, and modeling of audio signals;
- Audio transmission and resynthesis;
- Effects or manipulation of sound;
- Perception, psychoacoustics, and evaluation;
- Spatial sound analysis, coding, and synthesis;
- Sound source separation;
- Physical modeling, virtual acoustic and analog models;
- Sound synthesis, composition, and sonification;
- Hardware and software design for audio effects; and
- Music information retrieval and intelligent audio engineering.

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

Authors of excellent contributions to relevant conferences, such as the 25th International Conference on Digital Audio Effects (DAFx20in22; Vienna, Austria), will also be invited to submit an extended version of their paper to this special issue.

GUEST EDITORS
Gianpaolo Evangelista
Stefania Cecchi
François Germain
Kazunobu Kondo)

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All submissions will be peer-reviewed according to standard JAES review procedures. We welcome original research and tutorials, as well as revised and expanded versions of DAFx20in22 or AES conference and convention papers addressing the theme of this special issue. Please follow the Author Guidelines found at **http://www.aes.org/journal/authors/guidelines/**.

The normal page limit for JAES articles is eight pages. Papers should be submitted online at **http://www.aes.org/journal/submit/**.

This special issue is expected to be published in the second half of 2023; therefore, a tight reviewing and revision schedule will be in place.

Submission deadline: January 4, 2023
Planned publication: Fall 2023

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