

Special Issue

Machine Learning in Music/Audio Signal Processing

Message from the Guest Editors

With the development of machine learning technology, the performance of music and audio signal processing has been improved largely in the fields of audio information understanding, extracting, generation and recovery. This Special Issue mainly aims to show better solutions regarding machine learning techniques in music and audio signal processing. Topics of interest include, but are not limited to, the following:

- General data-driven methods in music and audio signal analysis and processing;
- Machine learning methods for music/audio information retrieval;
- Approaches for audio scene analysis including audio tagging, audio classification, sound event detection and the related signal processing in the generalized acoustic scene;
- Deep learning methods for speech and audio processing such as speech/music enhancement, speech/audio bandwidth extension, speech/music separation and music/sound synthesis;
- Necessary techniques for machine learning-based music/audio signal processing.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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