Algorithmic Music and Sound Computing

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Message from the Guest Editor

Dear Colleagues,

In recent decades, the use of algorithmic techniques in the field of music or, more in general, for the manipulation of sound material has seen considerable growth.

Among these, techniques for equipping machines with intelligence have also begun to encompass the endeavor of reproducing human beings' creativity; as a consequence, the musical composition ability has become a challenging task for the AI community.

Music information retrieval, music plagiarism, and automatic music composition are some other examples of problems for which algorithmic approaches have resulted in effective solutions.

Artificial intelligence and machine learning techniques open promising ways to new solutions for music and sound-related problems.

This Special Issue aims to collect contributions both exploring novel approaches and improving existing solutions, as well as conducting state-of-the-art surveys.

Topics of interest include, but are not limited to, algorithmic music composition, music similarity, music information retrieval, and voice identification.

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Special Issue

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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.

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