Special Issue

Advances in Music Reading Systems

Message from the Guest Editors

Dear colleagues,

Developing computational systems for reading music scores represents an attractive endeavor. The involved tasks represent exciting opportunities for research in the fields of computer science, machine learning, and computer vision. While it might be true that the task of reading music shares similarities with others (for instance, the optical processing of text documents), music notation has enough nuances that call for specific solutions. This Special Issue seeks advances for all kinds of computational systems that read music or deal with documents depicting music. These include, but are not limited to:

Optical music recognition; Information retrieval from music scores; Sheet music search; Score following; Image processing on music scores; Multi-modal systems involving sheet music; Writer/Hand identification; Novel input-methods to produce or edit written music; Applications related to sheet music and reading systems; Evaluation methods and protocols; Datasets and systems for creating large datasets; Application of existing technologies in new use-cases

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Deadline for manuscript submissions

closed (10 December 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/64490

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mdpi.com/journal/applsci

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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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