Special Issue

Innovations in Audio Data: Interdisciplinary Perspectives and Applications

Message from the Guest Editors

The rapid advancement of ICT has revolutionized the field of data processing, information retrieval, and knowledge mining in the domain of sound/audio signals. As technology continues to evolve, the integration of data-driven approaches in audio creation, analysis, and experiences has become increasingly important, influencing diverse fields such as music, film, gaming, medicine, and user-interfaces and facilitating a wide breadth of extended reality applications. The ever-increasing prominence of technology provides a unique opportunity to explore the effects of audio data use and management in artistic domains, especially in the field of audiovisual arts.

This Special Issue aims to explore the latest developments and emerging trends in the interdisciplinary area of audio data use and management. Accordingly, we invite researchers and practitioners to submit their original contributions to address the challenges and opportunities in this exciting and multi-disciplinary field.

Guest Editors

Dr. Ioannis Karydis
Department of Informatics, Ionian University, 49132 Corfu, Greece

Dr. Ioannis Deliyannis
Department of Audio and Visual Arts, Ionian University, 49100 Corfu, Greece

Deadline for manuscript submissions

closed (20 June 2024)

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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