



Advances in Architectural Acoustics

Guest Editors:

Dr. Nikolaos M. Papadakis

Institute of Computational Mechanics & Optimization (Co.Mec.O), Department of Production Engineering and Management, Technical University of Crete, GR-73100 Chania, Greece

Prof. Dr. Massimo Garai

Industrial Engineering Department, University of Bologna, 40136 Bologna, Italy

Prof. Dr. Georgios E. Stavroulakis

School of Production Engineering and Management, Technical University of Crete, University Campus, 73100 Chania, Greece

Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editors

A holistic approach in terms of research and practice is the optimum way for solving the perplexing problems which arise in the design or refurbishment of spaces, since current trends in contemporary architecture, such as transparency, openness, and preference for bare sound-reflecting surfaces are continuing pushing the very limits of functional acoustics. The aim of this Special Issue is to gather advances in architectural acoustics, which we hope could inspire researchers and acousticians to explore new directions in this age of scientific convergence. In the Special Issue, we welcome both original research papers and review articles based on diverse topics, with architectural acoustics as a reference point, such as:

- Computational acoustics;
- Auralization;
- Acoustic measurements;
- Sound sources;
- Sound absorbers and diffusers;
- Acoustic comfort, annoyance;
- Intelligibility of speech in rooms;
- Design of concert or conference halls;
- Historical halls acoustics;
- Worship spaces acoustics.

Scientists working in this broad field are invited to present their work.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)