

## Special Issue

# Advances in Vibroacoustics and Aeroacoustics of Aerospace and Automotive Systems

### Message from the Guest Editors

The journal of Applied Sciences is a forum for the communication of ideas and methods presently in use at the forefront of technology in the field of applied engineering. The purpose of this Special Issue is to highlight the latest advances in vibroacoustics and aeroacoustics applied to aerospace and automotive industries. Topics to be covered in this special issue include, but are not limited to, vibration and/or sound radiation of aerospace and automotive vehicles, aerodynamically generated noise, jet noise, instrumentation and data analysis in sound and vibration, passive and active noise control and vibroacoustic properties of materials. The Special Issue provides an opportunity for scientists and engineers to publish their studies of current interest, both in the theoretical and experimental fields of research, and also articles introducing new approaches and methodologies in the vibroacoustics and aeroacoustics fields.

---

### Guest Editors

Prof. Dr. Roberto Citarella

Department of Industrial Engineering, University of Salerno, 84084 Fisciano, Italy

Dr. Luigi Federico

Head of Environmental Impact of Air Transport System Dept., Italian Aerospace Research Center (CIRA), Via Maiorise, 81043 Capua, CE, Italy

---

### Deadline for manuscript submissions

closed (31 August 2017)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/8375](https://mdpi.com/si/8375)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[applsci](https://doi.org/10.3390/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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

---

### 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 )