



Elastic Wave Methods for Non-Destructive Damage Diagnosis in Composite Materials

Guest Editors:

**Dr. Kalliopi-Artemi
Kalteremidou**

Department of Mechanics of
Materials and Constructions, Vrije
Universiteit Brussel (VUB),
Pleinlaan 2, BE-1050 Brussels,
Belgium

Dr. Dimitrios Zarouchas

Structural Integrity & Composites
Group, Faculty of Aerospace
Engineering, Delft University of
Technology, 2624 Delft, HS, The
Netherlands

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

The current Special Issue will collect innovative studies on the use of different elastic wave methods for the non-destructive evaluation of composite structures. Researchers working on the experimental and/or numerical investigation of elastic wave propagation for damage diagnosis in composite structures are invited to submit their studies. The main topics of interest include (among others) the following:

- Acousto-ultrasonic methods
- Guided waves
- Vibrations and damping
- Numerical simulations of elastic wave propagation

Studies focused on the implementation of such methods for the damage evaluation of composite structures are welcome.

Dr. Kalliopi-Artemi Kalteremidou

Dr. Dimitrios Zarouchas

Guest Editors





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