Special Issue

Applications of Acoustic Emission Method

Message from the Guest Editors

As you know, this technology is already popular as a method for assessing various materials, elements, and structures. Additionally, there is a variety of measuring equipment enabling testing based on acoustic emission. Various solutions for the analysis of signals are also widely used. The aim of this Special Issue is to develop and discuss new trends in the monitoring of materials, elements, and structures using the acoustic emission method (AE) and other techniques in the field of non-destructive testing (NDT). The need for better control of material condition and process performance is constantly pushing the boundaries of AE, making it possible to achieve significant progress in the correctness of conclusions drawn based on the analysis of test results carried out using the acoustic emission method. Emphasis is on all material systems, including metals, composites, rocks, biological materials, and concrete.

Guest Editors

Dr. Anna Adamczak-Bugno

Dr. Sebastian Lipiec

Dr. Aleksandra Krampikowska

Prof. Dr. Grzegorz Świt

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

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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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