Special Issue

Industrial Applications of Laser Ultrasonics

Message from the Guest Editor

Laser ultrasonic testing (LUT) is a new non-destructive technique that is widely studied for damage inspection and material characterization. Due to its non-contact, high detection speed, and high-resolution features, laser utlrasonics has a very broad application prospect in the industrial field. However, new challenges and demands from industries are constantly emerging. Therefore, this Special Issue is dedicated to the recent advances in industrial applications of laser ultrasonics. Topics of interest include but are not limited to thew following:

- Laser ultrasonic sensors and system;
- Laser ultrasonics for damage inspection;
- Laser ultrasonics for material characterization;
- Laser ultrasonics online detection;
- Laser ultrasonics for composite material testing;
- Laser ultrasonic testing singnal processing;
- AI for industrial application of laser ultrasonics.

Guest Editor

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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.

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