



State-of-the-Art Laser Measurement Technologies

Guest Editors:

Prof. Dr. Yufei Ma

National Key Laboratory of
Science and Technology on
Tunable Laser, Harbin Institute of
Technology, Harbin 150006,
China

Prof. Dr. Yong Zhao

College of Information Science
and Engineering, Northeastern
University, Shenyang 110819,
China

Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

Laser measurement technologies are widely used for the online measurements of physical, biological, and chemical quantities. In the past years, laser measurement technologies have undergone rapid development because of the emergence of advanced light source and detection strategies. Laser measurement technologies have been adopted in many applications, such as environmental monitoring, industrial process, image diagnosis, and planetary exploration. The most prominent feature of laser measurement technologies is that the measurement is without contact and the speed is ultrafast because of the characteristics of light. Furthermore, the precision of laser-based measurement is attractive. Up until now, various laser measurement methods have been successfully invented for a variety of measuring tasks.

In this Special Issue, papers about laser measurement techniques, especially about some state-of-the-art methods, are welcomed; review articles are also encouraged.

Prof. Dr. Yufei Ma
Dr. Yong Zhao
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), Inspec, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci