



## Advances in Optical Instrument and Measurement Technology

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Deadline for manuscript submissions:

**closed (20 April 2025)**

### Message from the Guest Editors

Dear Colleagues,

In recent years, with the development of laser sources, measurement approaches and new materials, many new technologies or applications of measurement and new optical instruments have appeared. Therefore, this Special Issue is intended for the presentation of new ideas and experimental results in the field of high-performance optical instruments and measurement technology. Potential topics include, but are not limited to: optical design, fabrication and testing; ultrafast optic development; computational optical imaging; analog image processing with optical metasurfaces and metamaterials; novel techniques in microscopy; fiber-optic sensors; laser measurement; digital holographic metrology and sensing; micro- and nanophotoelectric measurement.

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*Guest Editors*





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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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