



Optical Measurement Systems and Instruments

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Message from the Guest Editors

Optical measurement systems and instruments are playing a more and more important role in current scientific research and engineering applications due to their high accuracy.

This Special Issue invites manuscripts that introduce the recent advances in “Optical measurement systems and instruments”. All theoretical, numerical, and experimental papers are welcome. Topics include, but are not limited to, the following:

- Magnetic field measurement technology and instrument based on optical principle
- Optical fiber stress and strain measurement system and instrument
- Optical refractive index measurement system and instrument
- Optical angular velocity/acceleration measuring instrument
- Application and instrument of special optical fiber technology
- Improvement technology for environmental adaptability of optical measurement system and instrument
- Optical scanning system and instrument
- High-power optical fiber transmission technology and instrument
- Optical non-contact measuring system and instrument
- Optical navigation system and instrument

