



Recent Research on Optical Sensing and Precision Measurement

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Message from the Guest Editors

Advanced optical sensing and precision measurement technologies are the foundation of scientific research. Optics provides an effective method for precision measurement and sensing, and it demonstrates strong advantages in time and space resolution, low-light imaging, quantum sensing, precision spectroscopy, fiber optic sensing, laser gyroscopes, etc.

This Special Issue, therefore, will put together original research and review articles on recent advances, technologies, applications, and new challenges in the field of “Recent Research on Optical Sensing and Precision Measurement”. Topics include, but are not limited to, the following:

- Optical sensors;
- Remote sensors;
- 3D optical measurement;
- Ladar;
- Optical metrology;
- Interferometry measurement;
- Extreme measurement;
- Spectral imaging;
- New theory and technology of optical imaging and measurement;
- Advanced fabrication technologies for micro/nano optics and photonics, etc.

