



## Latest Advances in Optical Diffraction, Imaging and Display

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### Message from the Guest Editors

Dear Colleagues,

The recent advances in the field of optical diffraction, imaging, and display have led to a remarkable evolution in optics and photonics, driven by the increasing demand for precise and efficient light modulation and emission in various applications, e.g., holography, imaging, laser beam shaping, optical communications, virtual reality and augmented reality, etc.

This Special Issue invites you to present state-of-the-art articles on theoretical insights, experimental breakthroughs, and exciting applications in diffraction optics, imaging, and display. Topics include, but are not limited to, the following:

- Diffraction optical elements (DOEs);
- Meta-surfaces for imaging and display;
- Virtual reality and augmented reality;
- Nano-photonics and nanolithography;
- Holography and Fourier optics;
- Metamaterials;
- Light scattering;
- Phase modulation and laser beam shaping;
- Wavefront sensing;
- Optical microscopy; differential interference contrast (DIC) microscope;
- Coherent diffraction imaging/phase contrast imaging/computational imaging.

