



## Holography, Diffractive Optics, and Applications XIV (PA109)

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Papers are solicited on, but not limited to, the following topics.

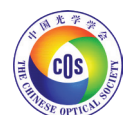
- holography, diffractive, and micro-optics
- computer-generated holograms
- digital holography
- digital holographic microscopy, 3D holographic microscopy
- quantitative phase imaging
- subwavelength optics and plasmonics
- metasurface holography
- quantum holography
- dynamic holography, space light modulators
- digital holography in scattering media
- incoherent holography
- x-ray and terahertz wave digital holography
- polarization holography and polarization imaging
- artificial intelligence (AI) based imaging, display, and metrology
- machine-learning-based digital holography
- holographic imaging with deep-learning networks
- 3D imaging and 3D display
- 3D remote sensing
- full-field tomography
- compressive holography
- computational imaging
- super-resolution imaging
- adaptive imaging, feedback, or feedforward-controlled imaging
- documentation and product anti-counterfeiting
- optical metrology
- picometer-scale optics and metrology
- gratings technology
- holographic lithography
- 2D and 3D printing, lithography, fabrication, and machining
- high-dimensional optical recording, optical memory and storage
- volume holograms
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Abstracts due	29 May 2024
Author notified and program posts online	22 July 2024
Registration opens	August 2024
Submission system opens for manuscripts and poster PDFs*	12 August 2024
Poster PDFs due for spie.org preview and publication	18 September 2024
Manuscripts due	25 September 2024

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### What you will need to submit

- Title
- Author(s) information
- Speaker biography (1000-character max including spaces)
- Abstract for technical review (200-300 words; text only)
- Summary of abstract for display in the program (50-150 words; text only)
- Keywords used in search for your paper (optional)

Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation.

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- Obtain funding for registration fees, travel, and accommodations
- Attend the meeting
- Present at the scheduled time

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