

Stanford



Gun-Yeal Lee

Postdoctoral Scholar, Electrical Engineering

Bio

STANFORD ADVISORS

- Gordon Wetzstein, Postdoctoral Faculty Sponsor

LINKS

- Stanford Computational Imaging Lab: <https://www.computationalimaging.org/>
- Google Scholar Profile: <https://scholar.google.com/citations?user=SIXpVNkAAAAJ&hl=en>
- Personal Website: <https://gunyeal.github.io/>

Publications

PUBLICATIONS

- **Neural phase microscopy with metasurface optics for real-time and nanoscale quantitative phase imaging.** *Nature communications*
Lee, G. Y., Kim, C., Gopakumar, M., Kim, Y., Lee, B., Jeong, Y., Wetzstein, G.
2026
- **Full-colour 3D holographic augmented-reality displays with metasurface waveguides.** *Nature*
Gopakumar, M., Lee, G. Y., Choi, S., Chao, B., Peng, Y., Kim, J., Wetzstein, G.
2024
- **Metasurface eyepiece for augmented reality.** *Nature communications*
Lee, G. Y., Hong, J. Y., Hwang, S., Moon, S., Kang, H., Jeon, S., Kim, H., Jeong, J. H., Lee, B.
2018; 9 (1): 4562
- **Complete amplitude and phase control of light using broadband holographic metasurfaces.** *Nanoscale*
Lee, G. Y., Yoon, G., Lee, S. Y., Yun, H., Cho, J., Lee, K., Kim, H., Rho, J., Lee, B.
2018; 10 (9): 4237-4245
- **End-to-End Optimization of Metalens for Broadband and Wide-Angle Imaging** *ADVANCED OPTICAL MATERIALS*
Park, Y., Kim, Y., Kim, C., Lee, G., Choi, H., Choi, T., Jeong, Y., Lee, B.
2025
- **Metasurface folded lens system for ultrathin cameras.** *Science advances*
Kim, Y., Choi, T., Lee, G. Y., Kim, C., Bang, J., Jang, J., Jeong, Y., Lee, B.
2024; 10 (44): eadr2319
- **Freeform metasurface color router for deep submicron pixel image sensors** *SCIENCE ADVANCES*
Kim, C., Hong, J., Jang, J., Lee, G., Kim, Y., Jeong, Y., Lee, B.
2024; 10 (22): eadn9000