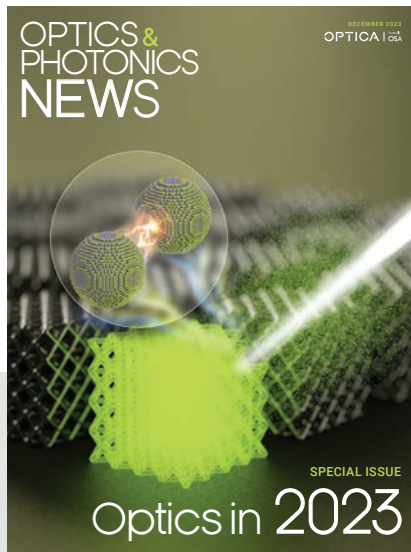


VISUALIZING OPTICS

“Optics in 2023” Cover Art

For its December 2023 “year in optics” feature, OPN received numerous submissions for cover art. Here are a few of our favorites—which cover would you choose?



Laser-driven bonding of two colloidal nanocrystals followed by 3D printing.

S.-F. Liu et al. / Tsinghua University [Image by Z.-W. Hou and S.-F. Liu]



Cell vibrations are excited by short pulses and detected by an optical microresonator.

S.-J. Tang et al. / Peking University and University of Technology Sydney [Image by C. Yang]



Artist’s representation of spatiotemporal photonic snake states.

S.B. Ivars et al. / UPV València, UPC Catalunya, RAS and BIST Barcelona [Image by M. Mañas-Carbonell]



Artist’s representation of an on-chip quantum light source.

R. Haldar et al. / Leibniz Univ. Hannover, Univ. of Twente, QuIQ Quantum and Lionix Int'l [Image by R. Haldar and M. Kues]



Artist’s view of a quantum electro-optical device.

L. Qiu et al. / Institute of Science and Technology Austria [Image by E. Krantz, Krantz NanoArt]



A new approach to tracking moving objects through scattering media.

Y. Jauregui-Sánchez et al. / Queen’s University Belfast and University of Exeter [Image by Y. Jauregui-Sánchez]

Selected for OPN's
"Optics in 2023" cover



Photograph of LVF-based module illuminated by a halogen lamp.

A. Kobylinskiy et al. / Univ. of Applied Sciences Jena, Univ. of Kassel and Fraunhofer IOF [Image by R. Brunner, Jena]



Artist's impression of distorted light with a hidden invariance that is distortion-free.

A. Klug et al. / University of the Witwatersrand [Image by K. Singh, University of the Witwatersrand]



An array of single-atom qubits, cooled and trapped in a lattice of focused laser beams.

M. Schlosser et al. / Technical University of Darmstadt [Image by M. Schlosser]



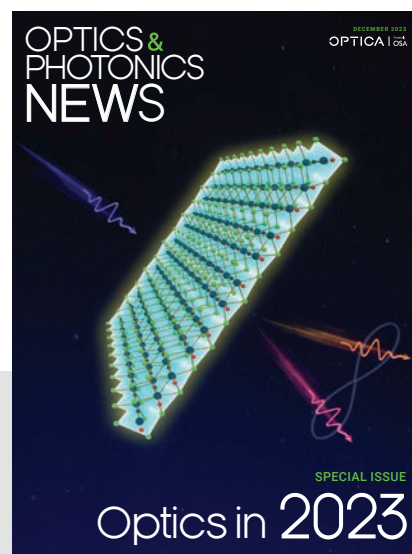
Supermirrors fabricated by direct-bonding of GaAs/AlGaAs coatings to fused silica.

G.D. Cole et al. / Thorlabs [Image © Thorlabs Inc., photography by F. Jansenberger]



A high-res color scene, printed on silicon using closely spaced nanoscale "Mie voids."

M. Hentschel et al. / Univ. of Stuttgart, Australian National Univ. and Univ. of Graz [Image by M. Hentschel]



Artist's view of the SPDC process with a van der Waals crystal.

Q. Guo et al. / National Univ. of Singapore and Univ. of Science and Technology of China [Image by X.-Z. Qi and Q. Guo]

Which cover would you choose? Take our poll to select your favorite: optica-opn.org/optics-in-2023/poll.

View all of the "Optics in 2023" research summaries: optica-opn.org/optics-in-2023.