Optics in 2024

This special issue of *Optics & Photonics News* highlights exciting peer-reviewed optics research that has emerged over the past year.

Our panel of editors reviewed 117 summaries of work by researchers from around the world. They selected for publication 30 stories that they felt communicated breakthroughs of particular interest to the broad optics community. OPN thanks all who submitted summaries, as well as our panel of guest editors.

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Quantum fluctuation of light driving a vibrating drum (see Huang et al., p. 36). [Illustration by EPFL & Second Bay Studios]