

**Prize Talk**

PV VIII Wed 19:00 Audimax

**Amazing light that brightens our research** — ●JUN YE — JILA, National Institute of Standards and Technology and University of Colorado — Laureate of the Herbert-Walther-Prize 2022

Increasingly precise control of light-matter interactions has enabled

breakthroughs in science and technology over centuries. Recent innovations in quantum and laser technologies are providing emerging opportunities for fundamental discovery and practical application. We are probing matter with novel spectroscopy to develop new sensing tools, testing fundamental laws to search for new physics, and exploring quantum complexity to harness its power.