

Monday 3rd August

15:00 – 15:40	Arrival at Cumberland Lodge
15:40 – 16:00	Opening and welcome
16:00 – 17:00	Keynote talk Anat Levin <i>Seeing deep inside scattering tissue using efficient, noise-robust wavefront shaping</i>
17:00 – 17:30	Invited talk Amanda Foust <i>Learning to see through scattering tissue: physics-informed deep learning for high-speed volumetric imaging</i>
17:30 – 18:00	Coffee break
18:00 – 18:20	Contributed talk Dennis Scheidt <i>Digital holographic microscopy of dense brain tissue samples</i>
18:20 – 18:40	Contributed talk Ernesto Pini <i>Anisotropic light scattering in bio-inspired and bio-based photonic materials</i>
18:45 – 20:30	Dinner
20:30 – 21:30	Evening debate Themos Kallos & Geoffroy Lerosey

Complex Nanophotonics Science Camp 2026

Tuesday 4th August

09:00 – 09:30	Invited talk Caroline Muellenbroich <i>From photons to physiology: high-speed lifetime sensing in beating heart cells</i>
09:30 – 09:50	Contributed talk Jérôme Don Jayamanne <i>Self-configuring linear diffractive optical networks for adaptive multimodal imaging through complex media</i>
09:50 – 10:10	Contributed talk Marcus Prado <i>Pseudogaps and localization of light in correlated disordered networks</i>
10:10 – 10:40	Coffee break
10:40 – 11:10	Invited talk Tom Siday <i>Subcycle terahertz microscopy: from the micro- to the atomic scale</i>
11:10 – 11:30	Contributed talk Lille Børresen <i>Collective emission from coupled dipoles in plasmonic nanocavities</i>
11:30 – 11:50	Contributed talk Ishita Jena <i>Externally driven quantum dynamics in plasmonic nanocavities</i>
12:30 – 14:00	Lunch
14:00 – 15:00	Keynote talk Andreas Tittl <i>Photonic bound states in the continuum for ultrafast optical resonance control</i>
15:00 – 15:20	Contributed talk Antoine Azéma <i>Holistic design of Huygens' metasurfaces using automatic differentiation</i>
15:20 – 15:50	Poster Pitches
15:50 – 16:30	Coffee Break
16:30 – 18:30	Poster Session 1
18:45 – 20:30	Dinner
20:30 – 21:30	Evening debate Richard Bowman & Christina Sharp

Wednesday 5th August

09:00 – 10:00	Keynote talk Roarke Horstmeyer <i>Parallelized optical sensing for next-generation bioimaging</i>
10:00 – 10:20	Contributed talk Leandro Risso Venâncio <i>A simple and controllable nonlinear optical encoding architecture via second-order Born interactions</i>
10:20 – 10:50	Coffee break
10:50 – 11:20	Invited talk Georgia Papadakis <i>Tailoring thermal radiation for lighting and energy</i>
11:20 – 11:40	Contributed talk Daria Panova <i>Hybrid conjugated polymer-metal nanostructures for plasmon-assisted photocatalysis</i>
11:40 – 12:00	Contributed talk Leonardo Biancorosso <i>Phonon contributions to plasmon decay and hot carrier generation in gold nanoparticles</i>
12:00 – 12:20	Contributed talk Jordan Edwards <i>Ab initio theory of chemical interface damping of surface plasmons</i>
12:30 – 14:00	Lunch
14:00 – 16:00	Poster Session 2
16:00 – 17:00	Keynote talk Hui Cao <i>From taming to harnessing multiple scattering in disordered media</i>
17:00 – 17:30	Invited talk Sebastien Popoff <i>Memory effects in multimode fibers</i>
17:30 – 18:00	Coffee break
18:00 – 18:30	Invited talk Iñigo Liberal <i>Synthetically rotating crystals</i>
18:30 – 18:50	Contributed talk Zeyu Kuang <i>Adiabatic energy transfer in periodically modulated time-varying media</i>
18:50 – 19:10	Contributed talk Jaime E. Sustaeta-Osuna <i>Fluctuational quantum electrodynamics of dispersive time-varying media</i>
19:15 – 21:00	Dinner

Thursday 6th August

09:30 – 10:00	Invited talk Tom Vettenburg <i>Phase-contrast microscopy from scattered speckle</i>
10:00 – 10:20	Contributed talk Anna Roccaforte <i>Bottom up nanostructured multi-mode optical fibers using gold nanoparticles from low temperature plasma synthesis as SERS probes</i>
10:20 – 10:40	Contributed talk Esmaeel Zanganeh <i>From circular Huygens dipoles to 3D chiral routing: Complex dipole interferences in achiral nanoparticles</i>
10:40 – 11:10	Coffee break
11:10 – 11:40	Invited talk Dorian Bouchet <i>Scanning near-field microscopy with resonant probes: from quantum emitters to acoustic bubbles</i>
11:40 – 12:00	Contributed talk Karoline Becker <i>3D nanoscale tomography of laser-written integrated photonics</i>
12:00 – 12:30	Closing remarks and best talk/poster awards
12:30 – 14:00	Lunch
14:00	Departure from Cumberland Lodge