

Symposium 2025

Thursday 11th December - Institut d'Optique d'Aquitaine (IOA)

09:30 - Introduction GPR LIGHT		
09:40 (35')	T1	Patrizio ANTICI (INRS, Canada) - Laser ion acceleration and its application to PIXE
10:15 (25')	T3	Yannick PETIT (ICMCB) - Femtosecond laser inscription of active integrated photonic functionaries
10:40 (15')	T2	Janine FRANZ (LOMA) - Exploring the Asymmetric Ultra-Strong Coupling Regime in Nanomechanical Quantum Rabi Systems
10:55 - Coffee break (20')		
11:15 (35')	T3	Ventsislav VALEV (University of Bath, UK) - Nonlinear chiroptical scattering effects: solving a 40-year-old puzzle
11:50 (25')	T1	Étienne BRASSELET (LOMA) - Optique topologique des cristaux liquides en régime classique et quantique
12:15 (15')	T4	Amine MEHIDI (IINS) - Investigating endogenous talin in its native cellular environment with novel probes for multimodal imaging developed by protein engineering
12:30 - Lunch (1:30)		
14:00 (35')	T4	Alexandre AUBRY (Institut Langevin, Paris) - Multi-spectral reflection matrix for ultrafast 3D label free microscopy
14:35 (25')	T2	Simon BERNON (LP2N) - Measurement and coherent control of dense cold atom ensembles at subwavelength scales
15:00 (15')	T1	Donaldi MANCELLI (CELIA) - Simulations and experiments on shock ignition at ELI Beamlines
15:15 - Coffee break (15')		
15:30 (35')	T2	Robin KAISER (Institut de Physique de Nice) - With resonant dipole-dipole interactions towards Anderson Localisation of light in 3D
16:05 (25')	T4	Amaury BADON (LP2N) - Instantaneous 3D imaging or multicellular aggregates with Light Field Microscopy
16:30 (15')	T3	Antonio DE LA TORRE PEREZ (ISM) - Control of the surface electrical potential of Ge-Sb-S glasses by thermal polarization
16:45 - end		