

List of Oral Presentations

Wednesday, December 11th

10:45

THEMATIC SESSIONS

NANO-OPTICS & NANOPHOTONICS 2

10:45	Linear and ultrafast plasmonics with a single nano-object	Natalia DEL FATTI • Univ. Claude Bernard - ILM, France
11:15	Generalized Two-Temperature Fitting Algorithm for Ultrashort Laser Heating of Metal Film and Nanoparticles to spatially and...	Jean-François BRYCHE • Univ. Sherbrooke - LN2, France
11:30	Inelastic light scattering by vibrations of long narrow gold nanocrystals	Lucien SAVIOT • CNRS - ICB, France
11:45	Optical properties of advanced gold-based nanowires and exploitation as plasmon mediated remote Raman sensor	Jean-Luc DUVAL • Univ. Nantes - IMN, France
12:00	Reaching a strong coupling regime between fluorescent emitters and plasmonic resonator using DNA	Jeanne HEINTZ • Institut Langevin, France
12:15	Fano profile and plasmonics Purcell factor	Hugo VARGUET • Univ. Bourgogne - ICB, France
12:30	Structure Property Relationship in Plasmonic Semiconductor Nanocrystals	Kim JONGWOOK • EP - LPMC, France
12:45	Visible/NIR photothermia with gold bipyramids and nanostars	Florian AUBRIT • CNRS & Cordouan - LCPO, France
13:00	Photo-ablation of human vitreous opacities by light-induced vapor nano-bubbles	Félix SAUVAGE • Ghent Univ. - General Biochemistry & Physical Pharm. Lab, Belgium

13:15 Lunch, Poster session & Exhibition

14:30	III-V semiconductors on Silicon nanophotonics	Fabrice RAINERI • Univ. Paris - C2N, France
15:00	Polarization- and diffraction-controlled second harmonic generation from semiconductor metasurfaces	Giuseppe MARINO • Univ. Paris - MPQ, France
15:15	Noise-enhanced detection and chaos with a driven electromechanical resonator	Franck CORREIA • Univ. Paris - C2N, France
15:30	Brillouin/Raman spectroscopy in optophononic resonators working in the 20-300 GHz frequency range	Anne RODRIGUEZ • Univ. Paris Sud/Paris Saclay - C2N, France
15:45	3D confinement of light inside rolled-up 2D photonic crystal membranes	Rémi BRICHE • EC Lyon - INL, France
16:00	Excitation of symmetry-protected modes in photonic crystals for electric field detection applications	Ayman HOBLOS • Univ. Franche-Comté - FEMTO-ST, France
16:15	Symmetry breaking in coherently driven-dissipative coupled nanocavities	Bruno GARBIN • CNRS - C2N, France

16:30 Coffee break, Poster session & Exhibition