

# List of Oral Presentations

## Tuesday, December 10<sup>th</sup>

10:45

### THEMATIC SESSIONS

#### NANO-OPTICS & NANOPHOTONICS 1

10:45	Atomically thin heterostructures made from graphene and transition metal dichalcogenides: an emerging class of photonic...	Stéphane BERCIAUD • Univ. Strasbourg - IPCMS, France
11:15	Dispersion trimming for mid-infrared supercontinuum via chalcogenide deposition on a silicon-germanium waveguide	Milan SINOBAD • RMIT - INL, France
11:30	Assembled hybrid chiral plasmonic metasurfaces	Wu WENBING • ICS, France
11:45	Saturable absorption of nonlinear graphene coated Si3N4 waveguides	Pierre DEMONGODIN • ECL - INL, France
12:00	Surface functionalization of silicon with rare earth ions for optical applications	Kathleen TOUSSAINT • Univ. Lorraine - ICMR, France
12:15	Quantifying single nanorod magnetic dipole emission by Fourier microscopy	Reinaldo CHACON • Univ. Bourgogne - ICB, France
12:30	Synthesis and characterization of III-V based quantum dots for light emission	Rodolphe VALLEIX • UCA - ICCF, France

12:45 Lunch, Poster session & Exhibition

14:15

### THEMATIC SESSIONS

#### NANO-OPTICS & NANOPHOTONICS 1

14:15	Transducing electrons and photons in atomic-scale optical feed	Alexandre BOUHELIER • CNRS - ICB, France
14:45	Subwavelength Polarization Optics Using Individual and Coupled Helical Travelling-Wave Nanoantennas	Thierry GROSJEAN • CNRS - FEMTO-ST, France
15:00	Proposal for a spiking nanolaser	Maxime DELMULLE • Univ. Paris Sud/Paris Saclay - Thales & C2N, France
15:15	Remote Generation of Hot-Electron assisted by Surface Plasmon Polaritons	Romain HERNANDEZ • ICB, France
15:30	Coffee break, Poster session & Exhibition	
16:00	Plasmon-triggered living photopolymerization for elaboration of hybrid polymer/metal nanoparticles	Farid KAMECHE • IS2M - Univ. Pierre et Marie Curie, France
16:15	Engineering of gold-polymer long-range plasmonic waveguides as single-mode optical interface chips	Laurent MARKEY • CNRS - ICB, France
16:30	Controlling the coupling between organic emitters and surface modes of metallic nanoparticles gratings for efficient organic...	Sarah HAMDAD • Univ. Paris 13 - LPL, France
16:45	Resonance Raman spectroscopy of Nano-designed assembly	Bernard HUMBERT • Univ. Nantes - IMN, France
17:00	Sensors for near-field microscopes based on micro-/nano-systems and their application to THz imaging at the nanoscale	Marc FAUCHER • CNRS - IEMN, France
17:15	Quasinormal mode expansion for nonlinear nano-optics	Carlo GIGLI • Univ. Paris - MPQ, France
17:30	Improving Nano-Theranostic Studies with Multi-Modal Raman and Enhanced Darkfield Hyperspectral Microscopy	Marylène PETIT • Horiba, France