

# List of Oral Presentations

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

14:15

## THEMATIC SESSIONS

### NANOMATERIALS 1

14:15	Microstructure issues in the design of colloidal oxide nanoparticles	Thierry GACOIN • CNRS - LPMC, France
14:45	Composite magnetic nanoparticles of Fe <sub>3</sub> O <sub>4</sub> /CoO with different shapes exhibiting exchange bias	Clémentine BIDAUD • IMDEA Nanociencia, Spain
15:00	Dirac antidot superlattices for electrons in III-V semiconductors	Nathali Alexandra FRANCHINA VERGEL • IEMN, France
15:15	Mastering size, shape and composition of iron oxide nanoparticles by precursors design	Sylvie BEGIN • Univ. Strasbourg - IPCMS, France
15:30	<b>Coffee break, Poster session &amp; Exhibition</b>	
16:00	Molecular "LEGO-like" assemblage, characterization and application of functional block/branched polyamphiphiles	Alexander ZAICHENKO • Lviv Polytechnic National Univ., Ukraine
16:15	Mixing time between organometallic precursor and ligand: a key parameter controlling ZnO nanoparticle size and shape...	Myrtil KAHN • CNRS - LCC, France
16:30	Gadolinium-based contrast agents: from gadolinium complexes to colloidal systems	Jean-Daniel MARTY • Univ. Toulouse P. Sabatier - IMRCP, France
16:45	Copper complexes functionalized Au nanoparticles for plasmon assisted catalysis	Gennaro PICARDI • Univ. Nantes - CEISAM, France
17:00	Innovative Surface Plasmon Resonance (SPR) biosensor based on high refractive index nanoparticles assembled on a gold thin film	Pier Andrea BERLING • Univ. Strasbourg - IPCMS, France
17:15	Synergy between Surface Plasmon Resonance and Switching Properties in Gold@Spin Crossover Nano-Composite	Marlène PALLUEL • Univ. Bordeaux - ICMCB, France
17:30	Probing elasticity of an assembly of nanoparticles with ultrafast nano-optoacoustics methods	Gwenaëlle VAUDEL • CNRS - IMMM, France