

## Thursday, 3 October 2013

### WG1 Oral presentations, Afternoon-evening session

- 15:00 Prof Darko MAKOVEC, *Research at the Department for Materials Synthesis: Nanoparticles, Nanocomposites and Nanosuspensions*
- 15:20 Prof Federico Cebollada Baratas, *Tailoring magnetic and dielectric materials: fundamental and applied research*
- 15:40 Ms Beatriz BERNARDO, *Synthesis of NiFe<sub>2</sub>O<sub>4</sub>-BaTiO<sub>3</sub> multiferroic composites*
- 16:00 Dr Cristina CIOMAGA, *Ferroelectric and multiferroic composite materials with emergent electromagnetic properties: experimental-modelling approach*
- 16:20 Mr Nikola ILIC, *Bismuth ferrites as a single multiferroic*
- 16:40 Dr Alexey EREMIN, *Structure and electro-optic properties of non-polar colloidal suspensions of anisotropic pigment particles*
- 17:00 COFFEE BREAK
- 17:20 Dr Christophe BLANC, *Carbon nanotubes and liquid crystals*
- 17:40 Dr Vladimira NOVOTNA, *Design and physical properties of new liquid crystalline compounds*
- 18:00 Prof Renaud BACHELOT, *The LNIO Lab of the University of Technology of Troyes*
- 18:20 Dr Roberto CAPUTO, *Interaction of Liquid Crystals with Metal Nanoparticles: Photonic and Plasmonic applications*
- 18:40 Prof Herbert DE SMET, *Study of blue phase liquid crystals*
- 19:00 Prof Jose Manuel SANCHEZ PENA, *Research Activities of Displays & Photonic Applications Group*
- 19:20 Closing

## Friday, 4 October 2013, Morning Session

### WG2 Oral presentations

- 09:20 Dr Marta CLEMENT, *Activity of the GMME*
- 09:40 Mr Mario DE MIGUEL RAMOS, *Biosensors based on BAW resonators: FEA simulation and fabrication*
- 10:00 Dr Luis GARCIA-GANCEDO, *Film bulk acoustic resonators: towards a low cost, label-free multiplexing platform*
- 10:20 COFFEE BREAK
- 10:40 Dr Ventsislav YANTCHEV, *Advanced Micro-acoustic devices in Frequency Control and Sensor Applications*
- 11:00 Dr Achim BITTNER, *Aluminium Nitride for Resonant Sensor Applications*
- 11:20 Prof Pierre-Michel ADAM, *Plasmonic biosensors : principles and applications*

- 11:40 Dr Filip BEUNIS, *Optical trapping electrophoresis for biosensing*
- 12:00 LUNCH
- 13:20 Prof Paula VILARINHO, *Electroceramics: Integrating materials towards information and communication technologies*
- 13:40 Dr Giovanni VOLPE, *Main research lines of Soft Matter Lab at Bilkent University*

**Friday, 4 October 2013, Afternoon session**

**WG3 Oral presentations**

- 14:00 Ms Petra JENUS, *Magneto-electric composites: preparation and properties*
- 14:20 Dr Przemyslaw KULA, *The development of Liquid Crystal materials on Military University of Technology*
- 14:40 Prof Renaud BACHELOT, *The LNIO Lab of the University of Technology of Troyes (WG3)*
- 15:00 Xabier QUINTANA ARREGUI, *Research activities at the Applied Photonics Group of CEMDATIC: liquid crystals, OLEDs, laser diodes*
- 15:20 Vincenzo CALIGIURI, *Photonic devices based on anisotropic fluids*
- 15:40 Dr Antigone MARINO, *Ellipsometric study of vertical aligned nematics*
- 16:00 Closing