

	Monday, 4th February	Tuesday, 5th February	Wednesday, 6th February	Thursday, 7th February	Friday, 8th February
08:00	BREAKFAST				
08:45					
SESSION	SCHOOL	SCHOOL	HOT TOPICS	HOT TOPICS	HOT TOPICS
09:00 - 09:45	INTRODUCTION Bertrand TAVITIAN, President ESMI Patrick BRESSLER, Representative ESF Fluorine-18 Chemistry : from FDG to the Labelling of Macromolecules and Nano-objects Frederic DOLLE , Orsay	Photoluminescent Carbon Dots and Bioimaging Applications Ya-Ping SUN, South Carolina	Carbon Nanotubes : Functionalization and selected Examples of Applications Eric DORIS, Saclay	Novel Imaging Techniques with functional Nano-objects for Cancer Diagnosis Noriaki OHUCHI, Sendai	Fullerens and Carbon Nanotubes loaded with Gd high Relaxivity MRI Agents Lothar HELM, Lausanne
09:45 - 10:30	Imaging-guided Drug Delivery Silvio AIME, Torino	Core-Shell Silica Nanoparticles as Fluorescent Labels for Nanobiotechnology and Nanomedicine: C Dots Ulrich WIESNER, New York	The influence of the chemical Coating on the Bio-distribution of Quantum Dots <i>in vivo</i> Toufic DAOU, Grenoble	Luminescent Oxide Nanoparticles : Synthesis, Properties and Applications Thierry GACOIN, Palaiseau	Chromatic Polymer Nano-patches for Imaging Membrane Processes in living Cells Raz JELINEK, Beer Sheva
10:30 - 10:50					
10:50 - 11:35	Quantum Dots for <i>in vivo</i> imaging Benoît DUBERTRET, Paris	Fluorescent Proteins and fundamental Aspects on Photophysics Carlheinz ROECKER, Ulm	Nano-objects, Properties, Assemblies and Applications Luisa DE COLA, Münster	Shape specific Nanoparticles as Contrast Agents for opto-acoustic Detection Jean-François GREISCH, Liège	Dendrimer Nanoplatforms for effective Tumor Targeting Ella JONES, San Francisco
11:35 - 11:50	<i>Presentation submitted abstract</i> Photoswitchable fluorescent Proteins - Tools for Far-Field Microscopy at the Nanoscale Hannes BOCK, Göttingen	<i>Presentation submitted abstract</i> Optical Properties of fluorescent Proteins in controlled Environments Jochen FUCHS, Ulm	<i>Presentation submitted abstract</i> Zeolite L Nanocrystals for Imaging Applications Manuel TSOTSALAS, Münster	<i>Presentation submitted abstract</i> Controlling single Molecule Fluorescence through plasmonic Slabs Cédric VANDENBEM, Paris	<i>Presentation submitted abstract</i> Paramagnetic Collagen binding Contrast Agents H.M.H.F. SANDERS, Eindhoven
11:50 - 12:05	<i>Presentation submitted abstract</i> Iodinated Emulsion for multimodality Imaging using spectral CT and SPECT Anke DE VRIES, Eindhoven	<i>Presentation submitted abstract</i> Dendronised Magnetite Nanoparticles as Contrast Agent for MRI Sylvie BEGIN-COLIN, Strasbourg	<i>Presentation submitted abstract</i> Determination of the Depth Resolution Limit of Fluorescence diffuse optical Tomography Matthieu BOFFETY, Châtenay-Malabry	<i>Presentation submitted abstract</i> <i>In vivo</i> Imaging of vascular Permeability using Nano-objects in Mice Tumor Masaaki KAWAI, Sendai	CONCLUSION Bertrand TAVITIAN, President ESMI
12:05 - 12:20	<i>Presentation submitted abstract</i> Use of Optical Imaging for Detection, medical Imaging and Treatment of Cancer Sandrine DUFORT, Grenoble	<i>Presentation submitted abstract</i> Micro-axial Tomography Udo BIRK, Heraklion	<i>Presentation submitted abstract</i> Novel Organometallic Complexes for multimodal Imaging António PAULO, Sacavém	<i>Presentation submitted abstract</i> The Size of Magnetic Nanoparticle finely tunes their heating Power under a high Frequency alternating Magnetic Field Michael LEVY, Paris	
12:30	LUNCH				
13:30					
14:00					
15:00					
16:00					
SESSION					
16:15 - 17:00	Clinical Application of Iron Oxide Nanoparticles in MRI Imaging and Research Perspectives Marc PORT, Roissy			Nanoscale mMRI Contrast Agents Arie HENGERER, Erlangen	
17:00 - 17:45	Investigating cellular Processes at the single Molecule Level using Semiconductor Nanocrystals Maxime DAHAN, Paris	Integrated Molecular Imaging : from Probes and Cameras to human; the CEA-LETI Experience Patrick BOISSEAU, Grenoble	Single Molecule Fluorescence in disordered nanoscopic Environments Rémi CARMINATI , Paris	Iron Oxide Nanoparticles as multifunctional Imaging and Delivery Agents Zdravka MEDAROVA, Massachusetts	
17:45 - 18:30	Luminescent Silica Nanoparticles: Organization and Versatility towards Brightness Luca PRODI, Bologna	Cell Labelling with magnetic Nanoparticles: Mechanisms, Biocompatibility, MRI Cell Imaging and magnetic Manipulations Florence GAZEAU , Paris	Magnetic Resonance Imaging of single Spins in Diamond Nanocrystals under ambient Conditions Fedor JELEZKO, Stuttgart	Persistent Luminescence Nanoparticles (PLNs) : a new imaging tool for biologists ? Quentin LE MASNE DE CHERMONT, Paris	
18:30 - 18:45					
18:45 - 19:30	Optical Detection of single nonfluorescent Nanoparticles and Demonstration of a long-distance nanometric Ruler Philipp KUKURA, Zurich	STED Microscopy Christian EGDELING, Göttingen	Targeted lipid-based Nano-particles for multimodal Biomarker Imaging Klaas NICOLAY, Eindhoven	Visualizing Dynamics of Cell Signaling Ralf SCHMAUDER, Lausanne	
19:30	DINNER				
20:30					