



SCHEDULE

	8:30-9:00am	Welcome and short FBI introduction - Jean Salamero (France BioImaging)
	9:00-9:30	Keynote Speech: Enrico Gratton (University of California)
New frontiers for imaging, sensing and controlling biomolecules <i>Chair: Ludovic Jullien (FBI Paris-Centre Node)</i>	9:30-9:40	Development of labels for AFM imaging of proteins: concept and the very first results - Sergii Rudiuk (ENS, Paris)
	9:40-9:50	Labeling proteins on-demand with fluorogenic probes Arnaud Gautier (ENS, Paris)
	9:50-10:00	Engineering Cyan fluorescent proteins with ultimate performances for live cell biosensors - H�el�ene Pasquier (Universit�e Paris-Sud, Paris)
	10:00-10:30	Round Table
	10:30-11:00	Coffee Break
Quantification of the molecular dynamics and coordination in cells and small organisms, including at the nanometer scale <i>Chairs: Daniel Choquet (FBI Bordeaux Node), Marcelo Nollmann & Emmanuel Margeat (FBI Montpellier Node)</i>	11:00-11:30	Quantitative super-resolution imaging by dSTORM Keynote Speaker: Markus Sauer (University of W�urzburg)
	11:30-11:40	Joint reconstruction strategy for structured illumination microscopy with unknown illuminations - Marc Allain (Aix Marseille Univ, CNRS, Centrale Marseille, Institut Fresnel, Marseille)
	11:40-11:50	The morphology of synapses with their dynamic molecular organization revealed by sted microscopy combined with single-molecule imaging - V V G Krishna (IINS UMR 5297, Bordeaux)
	11:50-12:00	Cell specific epigenetically defined long-range low-frequency interactions regulate the higher-order genome architecture in Drosophila - Diego Cattoni (Centre de Biochimie Structurale, Montpellier)
	12:00-12:30	Round Table
	12:30-3:00pm	Lunch + Poster Session
Imaging architectures and processes of life, from molecular complexes to multi cellular systems <i>Chairs: Jean Salamero (FBI Coordination), Nadine Peyri�eras (FBI Ile de France Sud Node)</i>	3:00-3:30	Keynote Speaker: Teng-Leong Chew (Advanced Imaging Center, Janelia-Howard Hughes Medical Institute)
	3:30-3:40	Deciphering protein organisation and dynamics at various scales using single-objective Selective Plane Illumination Microscope (soSPIM) R�emi Galland (Universit�e de Bordeaux - IINS, Bordeaux)
	3:40-3:50	A cryo-CLEM approach for the investigation of cellular systems Anna Sartori-Rupp (Institut Pasteur, Paris)
	3:50-4:00	eC-CLEM: flexible multidimensional registration software for correlative microscopies with refined accuracy mapping Xavier Heiligenstein (Institut Curie, Paris)
	4:00-4:30	Round Table
Bioimage informatics, image processing and microscopy data management <i>Chairs: Charles Kervrann, Perrine Paul-Gilloteaux, Jean-Christophe Olivo-Marin (FBI IPDM Node)</i>	4:30-5:00	Keynote Speaker: Jean-Christophe Olivo-Marin, France BioImaging IPDM Node
	5:00-5:10	Robust classification of particle tracks for characterization of diffusion and dynamics in fluorescence microscopy - Vincent Briane (INRIA Rennes - Bretagne Atlantique, Rennes)
	5:10-5:20	Polygon-based colocalization analysis for multicolor single-molecule localization microscopy data - Florian L�evet (Universit�e de Bordeaux)
	5:20-5:30	Collaborative analysis of multi-gigapixel images using Cytomine Raphael Mar�e (University of Liege)
	5:30-6:00	Round Table
	6:00-6:30	What's next? (Europe, training, funding...); Concluding remarks