MONDAY 21/11	TUESDAY 22/11			
	9:30 **Lothar Schermelleh** : The power of SIM - structured illumination microscopy as a tool for biological discovery			
	10:15 COFFEE BREAK			
	10:30 **Peter Dedecker**: More informative imaging with 'smart' probes and PSF engineering			
	11:15 **Claire Deo**: Chemigenetic molecular tools for biological imaging			
13:00 WELCOME & LUNCH	*12:00 LUNCH BREAK*			
14:00 **Joerg Bewersdorf** : All-optical Super-resolution Imaging of Molecules in Their Nanoscale Cellular Context	14:00 - 17:30 **Practical 8 (ENS)**: Light sources for optogenetics (2x 3 people)	14:00 - 17:30 **Practical 9 (ENS):** Non-classical genetically modified fluorescent probes for biological imaging (3 people)	14:00 - 17:30: **Practical 1 (Curie)**: Combining micro UV-irradiation and Single Particle Tracking in living cells (3 people)	14:00-17:30: **Practical 3 (IJM)**: FRET-based molecular tension sensors and FLIM (3 people)
14:45 **Judith Mine-Hattab:** Single Particle Tracking in the context of DNA repair				
15:00 **Ludovic Jullien**, PASTEUR, Département de chimie, École normale supérieure, PSL University, Sorbonne Université, CNRS: Non-standard genetically encoded fluorescent probes for biological imaging				
15:20 **Nicolas Borghi**, Institut Jacques Monod: Using biosensors, FRET and FLIM to study how cells perceive epithelial density				
15:40 COFFEE BREAK				
16:00 **Juliette Azimzadeh**, Institut Jacques Monod: Using expansion microscopy to study the architecture of centrioles				
16:20 **Mickael Lelek, Audrey Salles:** Nucleopore complexe imaging in 3D using double helix-STORM and 3D-SIM				
16:40 **Diana Passaro**, Institut Cochin: From deep imaging to vascular patterning: multiple applications of two photon microscopy in complex tissue manipulation				
17:00 **Lydia Danglot** : From molecules to thick tissue imaging : SIM, STED or STORM ?				

WEDNESDAY 23/11				THURSDAY 24/11	
9:30: **Sandrine Lévêque-Fort**: Modulated excitation for in depth single molecule localization microscopy				09:30: **Giulia Bertolin**: Exploring mitochondrial functions: from FRET biosensors to super-resolution microscopy	
10:15 COFFEE BREAK				*10:15 COFFEE BREAK*	
10:30 : **Jean-Baptiste Sibarita**: Quantitative multi-scale imaging using single-objective light-sheet microscopy				10:30 **Ricardo Henriques** : Open technology for Super-Resolution and Machine-Learning enabled Live-Cell BioImaging	
11:15 **Marie Erard**: Fluorescence Lifetime Imaging (FLIM) to monitor bio-chemical processes in living cells				11:15 **Christophe Leterrier**: The functional nano-architecture of axonal actin	
12:00 LUNCH BREAK				***12:00-12:10 - LEICA's presentation*** *12:10 - LUNCH BREAK*	
14:00- 17:00: **Practical 4 (IJM)**: Imaging of cellular ultrastructures with expansion microscopy (3 people)	14:00-17:30 **Practical 7 (Pasteur)**: Biological structures imaging in 3D using double helix-STORM and 3D-SIM (6 people)	14:00 - 17:30 **Practical 2* (Cochin)**: Spectral detection multiphoton microscopy, signal unmixing with FLIM contrast & SMLM multi-color: from sample preparation to quantification (6 people)	14:00-17:30: **Practical 5 bis (IPNP)**: SIM, STED or STORM : from sample prep to 3D imaging & **Practical 5' bis**: 3D STED : Comparing flat cells vs thick samples (6 people)	14:00-17:30: **Practical 5 (IPNP)**: SIM, STED or STORM : from sample prep to 3D imaging & **Practical 5'** 3D STED : Comparing flat cells vs thick samples (6 people)	14:00 - 17:30 **Practical 2 (Cochin)**: Spectral detection multiphoton microscopy, signal unmixing with FLIM contrast & **Practical 2'** SMLM multi-color: from sample preparation to quantification(6 people)

FRIDAY 25/11		
9:30 **Gaëlle Recher**: Using microfabrication and parallelised imaging to investigate morphodynamics of encapsulated spheroids		
10:15 COFFEE BREAK		
10:30 **Gustavo Quintas** : Multiscale light-sheet organoid imaging framework		
11:15 **Emmanuel Beaurepaire**: Strategies for large-volume/fast multiphoton imaging of uncleared tissue		
12:00 LUNCH BREAK		
14:00 - 17:30: **Practical 1 (Curie)**: Combining micro UV-irradiation and Single Particle Tracking in living cells (3 people)	14:00-17:30 **Practical 7 (Pasteur)**: Biological structures imaging in 3D using double helix-STORM and 3D-SIM (6 people)	14:00 - 17:30: **Practical 6 (IPNP)**: Culturing and imaging multicolour 3D live brain organoïds & **Practical 6'** Combining fast imaging on 3D live sample with Z resolution preservation (6 people)

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