Journées Thématiques du GDR 2588/MIV

BioImage Informatics

July 8-9, Institut Curie, Paris

Monday, July 8

Session 1			
Welcome		14:00	14:10
Robert Murphy	*Keynote lecture* Image-derived Models of Subcellular Organization, Dynamics and Perturbation	14:10	15:10
Vincent Studer	*Presentation* Fluorescence microscopy based on compressed sensing	15:10	15:40
Laure Blanc-Féraud	*Presentation* Blind restoration of confocal microscopy images in presence of a depth-variant blur and Poisson noise	15:40	16:10

Coffee break		16:10	16:40

Session 2			
Xavier Descombes	*Presentation* Detecting and Tracking objects in biological imagery	16:40	17:10
Charles Kervrann	*Presentation* Non-parametric change detection methods in fluorescence life cell imaging for sub-cellular trafficking and exocytosis analysis	17:10	17:40
Fast forward	*Short Presentations of posters*	17:40	18:00

Poster Session		18:00	20:00

Tuesday, July 9

Session 3			
Jean-Christophe Olivo Marin	*Keynote lecture* Bioimage analysis at work	9:30	10:30

Coffee break		10:30	11:00

Session 4			
Christophe Zimmer	*Presentation* TBA	11:00	11:30
Hugues Berry	*Presentation* The origins of spatial heterogeneity in the localization of protein aggregates in E. coli	11:30	12:00
David Holcman	*Presentation* Integrating superresolution data of live cell imaging to synaptic modeling	12:00	12:30

Lunch break		12:30	14:30

Session 5			
Alain Trubuil	*Presentation* Path memory of cell division and cell lineage reconstruction of early Arabidopsis embryos	14:30	15:00
Nadine Peyriéras	*Presentation* BioEmergences: an integrated workflow for the computational analysis of 3D+time image data from developing model organisms	15:00	15:30
Yohanns Bellaiche	*Presentation* Multiscale imaging and analysis of tissue morphogenesis	15:30	16:00
Conclusion		16:00	16:10