



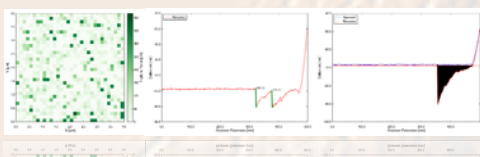
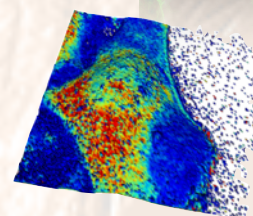
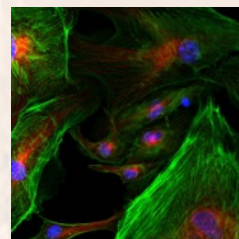
AFM SUMMER SCHOOL

LILLE-FRANCE, 25-29TH AUGUST 2014



Lectures

Vincent Dupres : AFM on prokaryotes
 Malgorzata Lekka : Cell elasticity
 Pierre-Emmanuel Milhiet : AFM on supported membranes
 Daniel Navajas : Mechanical properties of cells
 Pierre Parot : Current state of the art
 Pierre-Henry Puech : Cell adhesion
 Felix Rico : Force spectroscopy on proteins
 Simon Scheuring : High-resolution and fast imaging
 Jean-Luc Pellequer : AFM and Structural Biology
 Elisabeth Werkmeister : Super-resolution fluorescence microscopy



Training

- High-resolution imaging on proteins and bilayers
- Dynamic force spectroscopy
- Living cell elasticity
- Cellular Adhesion
- AFM/PALM (super-resolution) correlative microscopy
- Data analysis (Elasticity/Adhesion/Rupture forces)
- STED Demo

Instruments & Sponsors

Bruker MultiModes 8
 Bruker Catalyst
 JPK Nanowizard 3
 JPK CellHesion



Further information

Lectures and training are held at the Institut Pasteur campus in Lille center ([map](#)).

Accommodation is booked in the Best Western Premier Why Hotel, located in the heart of the Lille.

Lille is easily accessible through TGV train (direct from Paris - Brussels - London - CDG airport T2) and plane.

The social event will be the visit of the Louvre-Lens museum.

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