One day symposium on superresolution widefield fluorescence microscopy in biology

Monday 5th October 2015, Salle de l'UFR de Chimie, 1er étage bâtiment C8

University Lille 1, Villeneuve d'Ascq

This one day symposium on super-resolution widefield fluorescence microscopy in biology is organized within the ANR project Ultrafast Nanoscopy, Understanding energy and charge carrier dynamics in fluorescent organic nanoparticles: ultrafast and high resolution microscopy.

10h30 – 11h00 Welcome

11h00 Dr. Pascal Didier - Laboratoire de Biophotonique et Pharmacologie, Strasbourg University

Study of the nucleolar localisation of the HIV-1 nucleocapsid protein with super-resolution microscopy

12h00 – 14h00 Break lunch time.

14h00 – 14h40 Pr. J. Hotta – Yamagata University, Japan

High-resolution fluorescence microscopy of diatoms and related topics

14h40 - 15h20 Dr. V. Adam – Institut de Biologie Structurale, Grenoble

Rational design of ultrastable and reversibly photoswitchable fluorescent proteins for super-resolution imaging of the bacterial periplasm

15h20 – 16h00 Pr. C. Ruckebusch – LASIR, Lille University

Spider. A method for fast super-resolution

16h00 – 17h00 Open Discussion