One day symposium on superresolution widefield fluorescence microscopy in biology

5 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, JST PRESTO, 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