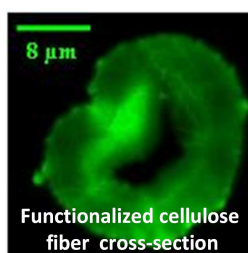
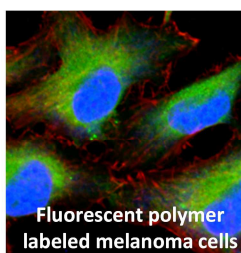


Fluorescence imaging and polymers: applications to materials and life sciences

LyonTech la Doua Campus, Villeurbanne - Thursday April 4th, 2019



Objectives: *Establish the current state of the art and the research perspectives in two main directions: 1) the synthesis of fluorescent polymer probes for imaging applications in various fields, and 2) the use of fluorescent probes (molecular, macromolecular, inorganic) to study the structure, dynamics and properties of polymer materials.*

Preliminary Program:

- **Chantal ANDRAUD** (Chimie-ENS, Lyon, France): *Molecular engineering for NIR intravital imaging.*
- **Andreas WALTHER** (Univ. Freiburg, Germany): *Fluorescence-based detection methods in DNA systems and materials.*
- **Costantino CRETON** (ESPCI, Paris, France): *Using mechanochemistry to understand fracture of soft and tough materials.*
- **Frédéric RESTAGNO** (Univ. Paris-Sud, France): *Photobleaching and friction measurements at solid-liquid interfaces.*
- **Andrey KLYMCHENKO** (Univ. Strasbourg, France): *Fluorescent polymeric nanoparticles with controlled size and brightness for bio-sensing and bio-imaging.*
- **José Paulo FARINHA** (IST, Lisbon, Portugal): *Bright and stable nanomaterials for fluorescence imaging.*
- **Arnaud FAVIER** (IMP, Lyon, France): *Tailored polymer-chromophore conjugates for fluorescence bio-imaging.*

Workshop reception: 8:45 to 9:15 am - **End of the day:** 5 pm

Address: Amphithéâtre Délégation CNRS – 2 Avenue Albert Einstein – 69100 Villeurbanne

Organized by M.-T. Charreyre, J. Bernard, E. Drockenmuller, A. Favier & E. Fleury

Open to students, engineers and researchers from academia and industry

There are no attendance fees but registration before 1st of March 2019 is mandatory at

<https://www.inscription-facile.com/form/9oDVz15D4m4wLRfXE6Sk>