



Friday 15th November 2019
ENS Paris-Saclay, Cachan, Building of Institut d'Alembert
Auditorium Chemla

9h30: Fabien Miomandre (PPSM, ENS Paris-Saclay)
Welcome address and presentation of PPSM

9h45 – 12h10: Morning Session

- Gilles Clavier (PPSM, ENS Paris-Saclay) – 20 min
Luminescent Layer-by-layer surfaces for bacteria detection
- Mélanie Lebental (LPQM, ENS Paris-Saclay) – 20 min
Three-dimensional microlasers fabricated by direct laser writing
- Mu-Hua Huang (School of Materials Science & Engineering, BIT) – 30 min
Functional porous organic polymers via pre-functionalization

Coffee break – 15 min

- Clémence Allain (PPSM, ENS Paris-Saclay) – 20 min
Mechanofluorochromic molecules and materials: towards local stress probes?
- Abdel El Abed (LPQM, ENS Paris-Saclay) – 20 min
Optofluidic actuation and high throughput analysis of size controlled microdroplets and microparticles in microfluidic systems
- Isabelle Leray (PPSM, ENS Paris-Saclay) – 20 min
Calixarene-based fluorescent sensor for the detection of alcali cation and amines

12h10 – 14h00: Buffet Lunch (Espace Chemla)

14h00 – 16h25: Afternoon session

- Isabelle Ledoux (LPQM, ENS Paris-Saclay) – 5 min
Presentation of LPQM
 - Ngoc Diep Lai (LPQM, ENS Paris-Saclay) – 20 min
3D manipulation of a single photon source at room temperature
 - Zhengyu Zhang (PPSM, ENS Paris-Saclay) – 20 min
Laser Induced Nucleation in Microfluidic
 - Chunlin He (School of Materials Science & Engineering, BIT) – 30 min
Tuning the properties of energetic compounds Incorporating with dinitromethyl group
- Coffee break – 15 min*
- Fabien Miomandre (PPSM, ENS Paris-Saclay) – 20 min
Graphene sheets covalently modified by tetrazines for energy storage and electrocatalysis
 - Guillaume Laurent (PPSM, ENS Paris-Saclay) – 20 min
Multi-component hybrid material showing fluorescence, photochromic and plasmonic properties
 - Jingrui Zhang (School of Aerospace Engineering, BIT) – 15 min
Title to be announced

Closing remarks