# Journées Annuelles SP2P’2022

**Programme scientifique – 7-8 Juin 2022**

*ENS Paris-Saclay – Amphithéâtre Dorothy Hodgkin – 4 avenue des Sciences, 91190 Gif sur Yvette*

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<th>Mardi 7 Juin</th>
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<td><strong>13:00 – 13:10</strong> Introduction (accueil dès 12:30)</td>
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| **13:10 – 13:50** Keynote – **Michael Oelgemöller** – Fresenius Univ. Applied Science (Germany) | *“Green chemistry with light – from lab-scale photochemistry to the solar production of chemicals and continuous-flow photochemical synthesis”*
| **13:50 – 14:10** Stéphane Rigaut – Univ. Rennes | *“Photo-control of NIR emission”*
| **14:10 – 14:30** Aurélie Djian – ENS Paris-Saclay | *“Highlighting photophysical properties of a new negative photochromic class”*
| **14:30 – 14:45** Pause |                                                                 |
| **14:45 – 15:05** Aude Bouchet – Univ. Lille | *“A new tool for time-resolved hyperspectral nano-imaging of up-converting nanoparticles”*
| **15:05 – 15:25** Zhouyun Chen – Univ. Clermont Auvergne | *“The association between polycarbonate photoageing and oxygen permeability”*
| **15:25 – 16:25** Session posters |                                                                 |
| **16:25 – 16:55** Invitée – **Marie-Claire Schanne-Klein** – École Polytechnique | *“Structural imaging of collagen in biological tissues using Second Harmonic Generation microscopy”*
| **16:55 – 17:15** Mario Andrés Gomez Fernandez – Univ. Reims Champagne-Ardenne | *“Application of the Paternò-Büchi reaction to the synthesis of novel fluorinated scaffolds”*
| **17:15 – 17:35** Anam Fatima – Univ. Paris-Saclay | *“Tracing the photo-driven electron transfer efficiency between octahedral molybdenum halide cluster [Mo_6I_8Cl_6]^2- and different polyoxometalates”*
| **17:35 – 17:50** Pause |                                                                 |
| **17:50 – 18:10** Eva Pugliese – Univ. Paris-Saclay | *“Light-induced CO₂ reduction catalysis with urea-modified iron porphyrin”*
| **18:10 – 18:30** Robert Pansu – ENS Paris-Saclay | *“De l’analyse des déclins de luminescence en phase solide”*
| **19:15 – 22:00** Cocktail dinatoire |                                                                 |
Mercredi 8 Juin

09:00 – 09:20  Cassandre Quinton – Univ. Rennes
“[4]-Cyclo-2,7-carbazole as host material in high-efficiency red phosphorescent OLEDs: a new perspective for molecular nanohoops in organic electronics”

09:20 – 09:40  Émilie Renouard – ENS PSL
“Time-resolved spectroscopic study of the ON → OFF photoswitching reaction pathway of the fluorescent protein Dreiklang”

09:40 – 10:10  Invité – Guillaume Schull – Univ. Strasbourg
“From single-molecule fluorescence to photosynthesis with an STM”

10:10 – 10:30  Auriane Perrin – Ecole Polytechnique
“Photo-control of G-quadruplexes folding and unfolding with azobenzene derivatives”

10:30 – 11:15  Session posters

11:15 – 11:35  Philipp Gotico – CEA, Univ. Paris-Saclay
“The curious case of a Ru-Fe sensitizer-catalyst dyad for CO₂ reduction”

11:35 – 11:55  Céline Molinaro – Univ. Haute Alsace
“Thermopolymerization induced through the plasmonic excitation of gold nanoparticles”

“Broadband light-absorbing BODIPY-C60-distyryl BODIPY triad as heavy-atom-free organic triplet photosensitizers”

12:15 – 13:00 Visite du laboratoire PPSM

13:00 – 14:00 Déjeuner

14:00 – 14:30  Invitée – Aurélie Perrier – Univ. Paris Cité / Univ. PSL
“Photoinduced processes under constraints: a theoretical insight”

14:30 – 14:50  Jonathan Piard – ENS Paris-Saclay
“Universal buffer: a powerful tool to investigate the impact of pH on photophysical and (photo)chemical properties from pH 1.9 to 12”

14:50 – 15:10  Valérie Lepère – Univ. Paris-Saclay
“Conformation isomerism of 1-indanol probe by PhotoElectron Circular Dichroism”

15:10 – 15:30  Jean-Sébastien Lauret – ENS Paris-Saclay
“Investigation of the optical properties of single nanographene”

15:30 – 16:00  Conclusion – Remise des prix