

Thursday, June 12, 2025 Program

08:50 - 09:15 *Welcome coffee*

- Amphi Gay-Lussac -----

09:15 - 09:25 **Kees Van der Beek** (LOA): *Welcome by the Vice-Provost for Research at Ecole polytechnique*

09:25 - 09:35 **Stefan Haessler** (LOA) & **Valérie Vénard** (LSI): *Introduction by the chairs*

- Amphi Gay-Lussac - Ultrafast dynamics in molecules -----

09:40 - 10:00 **Hugo Marroux** (LIDYL): *Attosecond spectroscopy of liquid water: electronic scattering and decoherence*

10:00 - 10:20 **Carine Clavagera** (ICP): *Advances in modelling vibrational circular dichroism spectra of chiral molecules*

10:20 - 10:40 **Lou Barreau** (ISMO): *Time-resolved photoionization spectroscopy of gas-phase molecules with optical and X-ray sources*

10:40 - 11:10 *Coffee break*

- Amphi Gay-Lussac - Ultrafast dynamics in solids -----

11:10 - 11:30 **Viviane Cotte** (LOA): *Quantum-optic properties of high harmonic generation*

11:30 - 11:50 **Clément Livache** (PMC): *Ultrafast Spin-Exchange Interactions in Semiconductor Nanocrystals and their use for Multiexciton Energy Conversion*

11:50 - 12:10 **Yannis Laplace** (LSI): *Surface plasmonic cavities at TeraHertz frequency*

- Salon d'Honneur -----

12:10 - 14:00 *Lunch + Posters + Group Photo*

- Amphi Gay-Lussac - Scientific opening lecture -----

14:00 - 14:50 **Camille Duprat** (LadHyX): *Mechanics of wet paper: fluid and elastic dynamics in fiber-flow interactions*

- Amphi Gay-Lussac - Dynamics in biomolecules -----

14:50 - 15:10 **Laura Antonucci** (LOB): *Multiscale pump-probe spectroscopy in biomolecules from pico- to milliseconds*

15:10 - 15:30 **Juan José Romero** (I2BC): *Shedding light on carotenoid dark states via fs stimulated resonant Raman spectroscopy*

15:30 - 16:00 *Coffee break*

- Amphi Gay-Lussac - Ultrafast secondary sources -----

16:00 - 16:20 **Mindaugas Jonušas** (LPS): *Development of high repetition rate VUV fs source for ARPES and luminescence studies*

16:20 - 16:40 **Marie Labat** (SOLEIL): *Recent progress on the COXINEL laser plasma accelerator based Free Electron Laser*

16:40 - 17:00 **Marta Galbiati** (LULI): *Femtosecond-Scale Laser-Plasma Interactions and Gamma-Ray Generation at Apollon*

17:00 - 17:15 **Stefan Haessler** (LOA) & **Valérie Vénard** (LSI): *Conclusion*

- BBQ area / Salon d'Honneur in case of bad weather -----

17:30 - 20:00 *Cocktail + Barbecue*