

Ecole Doctorale de Chimie Moléculaire de Paris Centre - ED 406
Director: Dr. Cyril OLLIVIER / Deputy director PSL: Pr. Jean-François SOULÉ

25th Conference of the Doctoral School (Farabeuf amphitheater)

Sept. 10, 2026	Morning sessions	Moderators
8h40 – 8h45	Opening of the 25 th conference by Dr Cyril Ollivier	
8h45 – 9h00	TIGHERGHAR Yanis <i>Metal complexes based on modified cyclodextrins for the development of catalytic reactions in cells</i>	
9h00 – 9h15	DOGRUSOZ Melis <i>Orthogonal dynamic assembly for peptidic engineering</i>	
9h15 – 9h30	PARMELLI Basile <i>Predictive Modelling Enables Exploration of the Anticancer Potential of Ruthenium(II) Polypyridyl Complexes</i>	Dr Etienne Derat
9h30 – 9h45	SADIYA Sadiya <i>Pressure Sensitive Molecular switches</i>	
9h45 – 10h00	DUCHESNE Yann <i>Supramolecular assemblies of functionalized cyclodextrins for nucleic acid transfection</i>	
10h00 – 10h15	ROSSET Sidonie <i>Maman Chercheuse : la science dessinée et racontée</i>	Dr Etienne Derat
10h15 – 10h45	Coffee break	
10h45 – 11h00	KUATE WAFO Benoît <i>Evaluation of activation methods by mass spectrometry for the measurement of thermochemical quantities</i>	
11h00 – 11h15	COMPAORE-GRUNER Johanna <i>Self-Assembled Multifunctional Metallocages: Synthesis, Characterization and Optical Properties</i>	
11h15 – 11h30	PÉROU Candice <i>CO₂ electroreduction in a membrane electrode assembly (MEA) electrolyzer: Cell potential optimization</i>	Dr Min-Hui Li
11h30 – 11h45	LI Tingting <i>Towards Cancer-Cell Selective, Near-Infrared-Absorbing Bimetallic Photosensitizers for Photodynamic Therapy in Hypoxia</i>	
11h45 – 12h00	RENOU Raphaëlle <i>Design and synthesis of bioactive materials via two-photon polymerization for studying cell mechanobiology</i>	
12h00 – 14h00	Lunch	

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Sept. 10, 2026	Afternoon sessions	Moderators
14h00 – 14h15	MAUCLAIRE Clara <i>Valorization of carbonic derivatives by hydrogenation: a challenge for the development of eco-compatible processes</i>	Pr Emmanuel Maisonhaute
14h15 – 14h30	MORENO MARTINEZ Constanza <i>Morphology-Controlled Polymeric Nanomaterials for Oral Vaccine</i>	
14h30 – 14h45	HUANG Yi <i>Eco-Efficient Processes for the Synthesis of Sustainable Polymers</i>	
14h45 – 15h00	XU Xingyuan <i>Decoding the Narratives of Breast Cancer Patients with Natural Language Processing: From Sentiment Analysis to Precision Intervention Strategies</i>	
15h00 – 15h15	NGUYEN Quynh Nhu <i>Valorization of bio-based methyl coumalate: One-pot preparations of 1,2-DHP via Michael-Mannich reaction and aromatic and bicyclic compounds via Diels-Alder reaction</i>	
15h15 – 15h30	LONG Zhiqiang <i>Substrate-Controlled Divergent Syntheses of Polycyclic Pyrimidinones and Oxazinanediones</i>	
15h30 – 16h00	Coffee break	
16h00 – 16h15	HELALI Mikael <i>Supramolecular Helical Phosphine Ligands for Fast and Enantioselective Hydrosilylation of Aromatic Ketones in a Ball-mill</i>	Dr Lou Rocard
16h15 – 16h30	RAMACCIOTTI Jules <i>Synthesis of New Chiral Ligand, bis-Phosphine Allene for Asymmetric Catalysis</i>	
16h30 – 16h45	DEFONTAINE Côme <i>EC-STM-TERS to study the adsorption of pyridine on gold surfaces</i>	
16h45 – 17h00	LEI Yajuan <i>Kinetically Controlled Unidirectional Molecular Motion in a 2-Station Cyclodextrin Rotaxane</i>	
17h00 – 17h15	CHEN Yanyi <i>Mn complexes, superoxide dismutase mimics : Design, studies in biological context, study of delivery methods</i>	
17h15 – 17h30	THOUVENIN Tom <i>Investigation on the multivalent effect on the immune response to glycan antigens: Shigella flexneri 2a as a model</i>	

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Sept. 11, 2026	Morning sessions	Moderators
8h45 – 9h00	ZHANG Huazhi <i>Responsive Materials Based on Fe₄Co₄ Molecular Switches</i>	Dr Benoît Bertrand
9h00 – 9h15	AVRIL Anthony <i>Sustainable synthesis of transition metal phosphides nano catalyst for green production of hydrogen</i>	
9h15 – 9h30	DOAN Linh Huy <i>Experimental and theoretical study of a novel activation mode in synthetic methodology: π-acidity and charge transfer</i>	
9h30 – 9h45	LEGER Célia <i>Transition metal dynamics at the host-pathogen interface during intracellular Adherent Invasive Escherichia coli Infection</i>	
9h45 – 10h00	JI Wei <i>All-Solid-State Poly(Ionic Liquid)-Interpenetrated Liquid Crystal Elastomers as Free-Standing, Multimodal Electroactive Soft Actuators</i>	
10h00 – 10h30	Coffee break	
10h30 – 10h45	TORLOTIN Romain <i>WASTE2H₂: Converting Plastic Waste into Clean Hydrogen and Low-Carbon Chemicals via Catalytic Deconstruction Using Novel Ionic Liquid Systems and Microwave-Assisted Heating</i>	Pr Louis Fensterbank
10h45 – 11h00	MAI Alexis <i>Synthesis of Fluorescent Probes Targeting VGLUT3 for in vivo Pharmacological Studies</i>	
11h00 – 12h00	LARRAUFIE Marie-Hélène – Almirall R&D, Spain <i>Chemical Biology strategies in Drug Discovery: applications to Phenotypic Screening and Targeted Protein Degradation</i>	Pr Louis Fensterbank
12h00 – 14h00	Lunch	

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14h00 – 14h15	AKOMEDI Bruneika <i>Analysing interactions between antimicrobial peptides (AMPs) and peptidoglycan (PGN) by affinity photocrosslinking coupled to mass spectrometry</i>	Dr Vincent Corcé
14h15 – 14h30	HENRY Thibaud <i>Helical nanoplatelet superstructures via molecular chirality control</i>	
14h30 – 14h45	WILD Lara <i>Combination of enzyme targeting and Photodynamic Therapy</i>	
14h45 – 15h00	TIWARI Nikita <i>Impact of solvent reorganisation on electron transfer</i>	
15h00 – 15h15	VONG Matthéo <i>Photoreduction of polyoxometalate for the conversion of O₂ to H₂O₂</i>	
15h15 – 15h45	Coffee break	
15h45 – 16h00	GAIGNARD Victor <i>Epidemiological study consolidated by high-rate approaches using Ultra High Resolution Mass Spectrometry (UHRMS)</i>	Dr Guillaume Vivès
16h00 – 16h15	RIVERA Carolina <i>Conception and application of innovative strategies for selective targeting and delivery of iridium-based compounds with anticancer properties</i>	
16h15 – 16h30	SABEI Ara <i>Synthesis and characterization of Peptide Hydrogels based on Fmoc-FF: Effect of Ionic Strength on Gelation mechanism and Syneresis Control</i>	
16h30 – 16h45	LE TRI Angel <i>Synthesis and biological evaluation of cationic binuclear gold (III) complexes</i>	
16h45 – 17h00	FANG Jun <i>Cobalt-Catalyzed [2+2+2] Cycloadditions of Alkynyl Yndiamides with Nitriles</i>	
17h00 – 17h15	HÉLIOT Théophile <i>Synthesis and recycling of polymer materials for PCB fabrication</i>	
17h15	Closing remarks - Dr Cyril OLLIVIER	