

Ecole Doctorale de Chimie Moléculaire de Paris Centre - ED 406
 Director: Dr. Cyril OLLIVIER/Deputy director PSL: Dr. Fethi BEDIoui

Program of the
 21th Conference of the Doctoral School
 Farabeuf amphitheater

Wednesday,
 Sept. 7, 2022

morning sessions

Moderator

9h00 – 9h15	Opening of the 21 th conference by Dr. Cyril Ollivier.	
9h15 – 9h30	Ivana AMARSY Selective delivery of radioactive Auger-Emitter Ruthenium complexes to the nucleus of cancer cells.	
9h30 – 9h45	Marco DI MATTEO Selective catalytic C-H functionalization of (+)-limonene.	Pr. Louis Fensterbank
9h45 – 10h00	Kevin MALL HAIDARALY Further investigation of a self-organized Polyoxometalate-based D-A hybrid material: synthesis, characterization and device.	
10h00 – 10h45	Pr. Jieping ZHU (École polytechnique fédérale de Lausanne, Switzerland) Catalytic Enantioselective 1,2-Rearrangement	
10h45 – 11h15	<i>Coffee break</i>	
11h15 – 11h30	Ludivine K/BIDI C-H activation by polyoxometalates.	
11h30 – 11h45	Vincent WOWK Importance of two-electron processes in Fe-catalyzed aryl-(hetero)aryl cross-couplings.	Dr. Candice Botuha
11h45 – 12h00	Maria DALLA POZZA Selective Photo-cleavage of DNA for Gene Therapy.	
12h00 – 14h00	<i>Lunch</i>	

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Wednesday,
 Sept. 7, 2022

afternoon sessions

Moderator

14h00 – 14h45	Dr. Robin LAROUCHE-GAUTHIER (Paraza Pharma Inc., Montréal, Canada) Development of a TRPA1 Antagonist for the Treatment of Asthma	
14h45 – 15h00	Zihua YANG Plasmonic nanoparticles for biosensing and therapy.	
15h00 – 15h15	Hong Phong DUONG Highly efficient electrochemical CO conversion to ethylene by employing dendritic copper catalyst and alkaline flow cell system.	
15h15 – 15h30	Yutong LI Functional micro and nanoparticles: preparation and biological applications.	Dr. Lou Rocard
15h30 – 15h45	Steffi SEWSURN Bioengineering of metabolic pathways of pyrrocidines, derived from a fungal PKS-NRPS, for the study and generation of chemical diversity in this family of compounds.	
15h45 – 16h15	<i>Coffee break</i>	
16h15 – 16h30	Federico BANCHINI Gem-Binucleophilic Linchpins for Orthogonal Multicomponent Asymmetric Reactions.	
16h30 – 16h45	Gaoyu LIU Liquid crystal elastomer (LCE) with re-entrant nematic phase and smectic phase: toward auxetic LCE.	Pr. Matthieu Sollogoub
16h45 – 17h00	Xueyan ZHANG Novel Catalytic Silylation Reactions with Silyldiazenes.	
17h00 – 17h45	Pr. Stephan MATILE (Université de Genève, Switzerland) Functional Supramolecular Chemistry	

Thursday,
Sept. 8, 2022

morning sessions

Moderator

9h00 – 9h15

Mae ROBIN

Weak-field coordination of a new iron(0) adduct with an exceptional thermal stability : electronic properties and cycloaddition catalytic activity.

9h15 – 9h30

Lucie GUILLAUME

Multicatalysis from renewable resources: a direct route to furan-based polyesters.

Pr. Rodrigue
Lescouëzec

9h30 – 9h45

Youchao WANG

Organometallic small molecule kinase inhibitors – direct incorporation of Re and ^{99m}Tc into Opaganib®.

9h45 – 10h30

Pr. Ana BELEN GASPÀR (Universitat de València, Spain)

Electronic bistability in iron based metallorganic frameworks: advanced molecular materials for the production of sensors, actuators, and memory devices.

10h30 – 11h15

Coffee break

11h15 – 11h30

Amélie AUVIGNE

Design of a new Microwave-Assisted Continuous Flow equipment for selective catalysis.

11h30 – 11h45

Lisa GOURDON

First-row Metal Complexes for Photo-induced Cytotoxicity.

Dr. Vincent Corcé

11h45 – 12h00

Lyna BOUREHIL

Investigation of ligand electronic effects on organometallic complexes using photoelectron spectroscopy and mass spectrometry.

12h00 – 14h00

Lunch

Thursday,
Sept. 8, 2022

afternoon sessions

Moderator

14h00 – 14h15 **Jinge CAO**
Metal encapsulated inside NHC-capped cyclodextrins: cavity-controlled selective reactions.

14h15 – 14h30 **Salwa Simona JAMIL**
Novel Platinum(II) and Iridium(III) Polymetallic Assemblies based on Pyridylidene and π -Extended Ligands.

14h30 – 14h45 **Edwyn REMADNA**
New organometallic gold(III) complexes based on (C[^]C) chelates and NHC ligands: synthesis and anticancer investigations.

Dr. Maxime Vitale

14h45 – 15h00 **Yakui DENG**
Bio-sourced and biomimetic liquid crystal elastomers as actuators and sensors.

15h00 – 15h30 *Coffee break*

15h30 – 15h45 **Alessandro PERAZIO**
Electrocatalytic CO₂ Conversion to Multi-Carbon Products in Acidic Conditions using a Bipolar Membrane.

15h45 – 16h00 **Juba SALHI**
Isolated switchable polyoxometalates (POMs) on a highly organized carbon substrate.

Dr. Féthi Bedioui

16h00 – 16h15 **Ichrak EL HAJ BRAHIM**
Préparation stéréosélective de 2-alcynyl-hydroxy- ou amino alcools-1,3

16h15 – 17h00 Pr. Sabine SZUNERITS (Université de Lille, France)
Refining Cardiovascular Risk Stratification in Patients using Graphene-based bioFETs

17h00 – 17h15 Conclusion: Dr. Cyril Ollivier