

Congrès SCF 2026

BORDEAUX - 22 AU 24 JUIN 2026

Week-end grand public

CAP SCIENCES - BORDEAUX - 20 AU 21 JUIN

PROGRAMME



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DE LABORATOIRE
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MAÎTRISEZ LES PARTICULES EN FORMULATION



STABILITÉ ET DISPERSIBILITÉ

- | Analyse de la stabilité avec TURBISCAN
- | Analyse des nanoparticules avec NANOTRAC FLEX
- | Potentiel Zêta avec le STABINO ZETA



TAILLE ET FORME DES PARTICULES

- | Diffraction Laser
- | Analyse Dynamique d'Images



CONTACTEZ-NOUS

Intéressés ? Envoyez vos échantillons pour des essais gratuits d'applications dans notre laboratoire de Toulouse



Retrouvez-nous sur le congrès SCF - Stand N°6



Monday, 22 June

7:30am

Registration

Welcome Desk

8:20am

Opening Session

Main Auditorium

8:40am

Plenary Session

Main Auditorium

Chaired by: Mrs. Gilberte Chambaud

8:40am

Molecular engineering of electron transfer/transport in polyoxometalate-advanced systems

» [Prof. Anna PROUST](#)

9:20am

Grand awards

Main Auditorium

Chaired by: Dr. Valérie Keller

9:20am

Nanostructured boron nitride-based materials - Synthesis, properties and applications

» [Mr. Philippe Miele](#)

9:40am

Lectins in the sweet strategy of lung pathogens: from structural glycobiology to design of glycomimetic pathoblockers

» [Mrs. Anne Imberty](#)

10am

Poster Session & Coffee Break

Coffee Break & Posters

Representing Conjugate Biomolecules in Medicinal Chemistry and Chemical Biology

» Mx. Antima Gupta, Mx. Alex M Clark, Mx. Peter Gedeck, [Mr. Mark Harding](#), Mr. Nicola Vettore, Mx. Ljubica Milović, Mx. Roman Rodionov, Mx. Valentin Anoprenko, Mx. Ralphie Fiorenza, Mx. Robert Kotak-Thorn, Mx. Krishna Dole, Mx. Kellan Gregory, Mx. Barry Bunin

SYNTHIA : an Automated & Light-Assisted High-Throughput Experimentation Platform

» [Ms. Laura Marchand](#), Mr. Brice Didelot, Mr. Nicolas Blanchard

Targeting MCT1-4 to Overcome Temozolomide Resistance in Glioblastoma

» [Ms. Manel Larafa](#), Ms. Alicia Delavier, Ms. Murielle Berlande, Ms. Eva Epinette, Mr. Thomas Daubon, Ms. Valérie Ravaine, Dr. Magali Szlosek

Characterization of volatile organic compounds from 49 white and aged agricultural rums from Guadeloupe and Martinique.

» [Mrs. Sandrine LESUPERBE - SAVERIMOUTOU](#), Mr. Damien STEYER, Mrs. Guylène AURORE, Mrs. Génica LAWRENCE

Last-stage functionalization of alloxazines and their applications in photocatalysis

» [Mr. Amael Grégoire](#), Prof. Marine DESAGE-EL MURR

Silver(I)-NHC Complexes as Dual-Action Agents Against Pathogenic Acanthamoeba Trophozoites: Anti-Amoebic and Anti-Adhesion Activities

» [Dr. hkiri shaima](#), Dr. David Sémeril, Prof. Elvan Üstün, Prof. Zübeyda Zübeyda

Design and Self-Assembly of Nucleolipid-based drug-conjugate gelators

» [Ms. Charlotte Letailleur Lamonica](#), Ms. Léa Mulot, Dr. Arthur Klufts-Edel, Dr. Arnaud Gissot, Dr. Valerie Desvergnès

Statistical Field Theory To Study Supercritical CO2 Under Confinement

» [Ms. Odette Tannous](#), Dr. Antoine Carof



Continued from Monday, 22 June

Dimerization of Oxidized Phenols : Investigation of an Alternative Pathway towards Quassinoids Skeleton

» [Mr. Noé Klopocki](#), Prof. Patrick Y. Toullec, Dr. Philippe A. Peixoto

Minimal Core, Maximum Emission: Modular Amination of Single-Benzene Fluorophores

» [Dr. Enzo Nobile](#), Mr. Nikita Salov, Dr. Marie-Pierre Heck, Dr. Grégory Pieters

Towards the electrochemical molecular activation of dinitrogen with phthalocyanines

» [Mr. Kenberson Surin](#), Prof. Marc ROBERT, Dr. Dependu Dolui

A non-innocent, pi-extended N-Heterobicyclic Carbene-thiolate ligand

» [Dr. Vincent CESAR](#), Mr. Michael Marquardt, Mr. Korentin Lartigue, Mr. Richeek Debnath, Dr. Vincent Maurel, Dr. Jean-Marie Mouesca, Prof. Ivan Castillo, Dr. Stéphanie Bastin

Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications

» [Mr. Mattéo Prud'homme](#), Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier

Influence du rapport oleylamine / acide oléique sur la taille et la morphologie des nanoparticules d'oxyde de fer synthétisées par voie micro-ondes

» [Mrs. Cyrielle Hoffmann](#), Dr. Emmanuel Lamouroux, Dr. Solenne Fleutot

Redefining access to Cyclic (Alkyl)(Amino) Carbenes: A versatile and tunable platform

» [Ms. Samantha Kennedy](#), Dr. Marc Mauduit, Dr. Rodolphe Jazzar

Towards the controlled synthesis of polyfluoroacetylene

» [Dr. Sara Bonfante](#), Prof. Jason Lynam, Dr. John Slattery

Chemical synthesis of molecular probes bearing polyphenolic stilbenoids for the study of their bacterial protein interactions

» [Ms. Margot Zambon](#), Prof. Sébastien Vilain, Prof. Denis Deffieux, Prof. Stéphane Quideau

Methodological development of a [2+2] cyclodimerization of ortho-quinonoids: Towards the total synthesis of sclerocitrin

» [Mr. Baptiste GEFPE](#), Mr. Kevin Balaire, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Towards the Total Synthesis of Geraniin

» [Ms. Aurora Bossoni](#), Dr. Romain Larrieu, Ms. Anaëlle Cornu, Mr. Nathan Billard, Prof. Laurent Pouységu, Prof. Denis Deffieux, Prof. Stéphane Quideau

Stilbene Profiles Across Grape Cane Fractions and Savoie Cultivars: Links to Antioxidant Activity

» [Dr. Aghiles Karim AISSAT](#), Dr. Audrey DAMIENS, Ms. Eléa Collange, Prof. Micheline DRAYE, Dr. Grégory CHATEL

Iron Tetraphenylporphyrin complex for CO2 electrochemical reduction and C-C bond formation

» [Mr. Ulysse Garnier Viarouge](#), Prof. Marc ROBERT, Prof. Monica Calatayud

Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties

» [Ms. Solène Foisneau](#), Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard

Polydopamine particles-stabilized Pickering Emulsions for catalytic applications

» [Dr. Jean-François DECHEZELLES](#)

Synthesis of ortho-Quinol-based [4+2]-Cyclodimers via Chiral Iodol-type λ^5 -Iodanes-mediated Hydroxylative Phenol Dearomatization

» [Ms. zhaozhao sun](#), Ms. Anaëlle Cornu, Prof. Laurent Pouységu, Prof. Stéphane Quideau



Continued from **Monday, 22 June**

Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars

» [Dr. Lisa Bonin](#), Prof. Samir Messaoudi

"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise

» [Mrs. Cécile Chamignon](#)

From Cluster Halides to Catalysts: Nanostructured Molybdenum Carbides for Efficient Hydrogen Evolution Reaction

» [Dr. Stephane Cordier](#), Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Ms. Noee Dumait, Ms. Ludivine Rault, Dr. Corinne Lagrost, Dr. Fabien Grasset, Dr. Franck Tessier

Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination

» Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi

A participative approach to reduce the environmental impact of research activities at the Chemical Sciences institute of Rennes

» Dr. Louise-Anne Cariou, Dr. Nicolas Cimetière, Prof. Karine Costuas, Dr. Fabienne Gauffre, [Dr. Guillaume Gouget](#), Mr. Edwin Perrot

Exploring syntheses in inorganic molten salts for the ligation of p-block elements to metal clusters

» [Ms. Faouzati Abdallah](#), Ms. Noee Dumait, Dr. Stephane Cordier, Dr. Guillaume Gouget

Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study

» [Mr. Chefikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery

Peptide coacervates as minimal compartments for prebiotic chemistry

» [Ms. Marie QUINCEROT](#), Ms. Ankita SAHU, Dr. Samantha CHAISE, Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin

Cu/Pd Dual-Catalyzed Stereoselective Construction of Homoallylic Nitriles Featuring Vicinal Stereocenters and Their Post-Functionalization

» [Mr. Quentin Chevrier](#), Dr. Lilian Mimoun, Dr. Hamdi Sanaa, Dr. Cyril Nicolas, Prof. Isabelle GILLAIZEAU

Study of kinetics of hydration of new photoluminescent alkali lanthanide-free [SbW6O24]7- used for water detection.

» Prof. CARTIGNY Johann, [Ms. Sinali Linara Kasige Silva](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New glycosyl conjugates to address biological targets: an approach leading to the downregulation of KRAS proteins.

» Mr. Julien Verget, Dr. Faith Kivunga, Dr. Virginie Baylot, Dr. Jean Dessolin, Dr. Haythem Abda, Dr. Biju Majumbar, Ms. Léa Mulot, Dr. Henri Barry, Ms. Patricia Korzak, [Ms. Brune Vialet](#), Prof. Philippe Barthelemy

Study of the solid-state landscape of the (an)hydrated forms of K7[SbW6O24], a new type of turn-off luminescence humidity sensors.

» [Prof. CARTIGNY Johann](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New Alkali Lanthanide-free Polyoxometalate Salts with Highly Tunable Water-responsive Photoluminescence Properties

» [Mr. Léo Papin](#), Dr. Aurély Bagghi, Prof. Olivier Hernandez, Prof. CARTIGNY Johann, Prof. Rémi Dessapt

A Unified Approach to Aspidosperma and Eburnane Scaffolds towards Bis-indole Alkaloids

» [Dr. Emmanuel Valzer](#), Dr. Nicolas Girard



Continued from **Monday, 22 June**

Synthesis of pyrrolidines as enzyme modulators targeting glucocerebrosidase: Application to Gaucher disease

» Ms. Chedia Yaakoubi, Dr. Cecile Dehoux, Prof. Mohamed Lotfi Efrif, Dr. Aïcha ARFAOUI, Dr. Yves Génisson

Lithium effect on lipid bilayer : The quest to understand lithium therapeutic mechanism in Bipolar Disease

» Dr. Louis Bunej, Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman, Dr. Vladimir Adrien

Synboli: Accelerating the development of high performance polymer materials through AI

» Dr. Marion Boyet, Dr. Maksym Odnoroh, Mrs. Cassandre Motte, Mrs. Laura Misrachi, Mr. Vincent Simonet, Dr. Mathieu Pucheault

From Fluoroform (HFC-23) to Difluoromethylated Heterocycles via Trifluorovinylamine as a C2 reagent

» Dr. Tan Sang TRUONG, Dr. Jonathan Decaens, Prof. Thomas Poisson, Prof. Philippe Jubault

Deep learning-assisted first-principles molecular simulations of divalent cation battery electrolytes

» Mr. Aurélien Zavadil, Prof. Rodolphe Vuilleumier

Design and Self-Assembly of Non-Viral Nanovectors for Nucleic Acid Delivery in pediatric cancer

» Mrs. Pauline Trousselier, Dr. Morgan Wloch, Mrs. Elora Bonzon-Dubos, Mr. Pierre Klein, Dr. Christophe Grosset, Dr. Valerie Desvergnès

Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging

» Mr. Luka Perrin, Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt

New manganese half-sandwich platforms for N2 activation

» Mr. Quentin Lepeintre, Dr. Laure Vendier, Prof. Marcus Drover, Dr. Antoine Simonneau

Bioinspired functional models of copper-containing Lytic Polysaccharide Monoxygenase

» Dr. Subhankar Sutradhar, Dr. Rébecca Leblay, Mr. Niccolò Nova, Dr. Bruno Faure, Dr. Jalila Simaan

COSMO-RS Prediction of Hydrocarbons EACNs Calibrated on the n-Alkanes Reference Scale

» Prof. Jean-Marie AUBRY, Dr. Théophile Gaudin, Prof. Andreas Klamt

Sustainable protein recovery from almond press cake via natural deep eutectic solvents

» Dr. Alexandra Gaspar-Pintiliescu, Dr. Elena Mihai, Ms. Viorica Coroiu, Dr. Angela Port, Prof. Maria Duca, Dr. Oana Craciunescu

Development of PLA beads with electromagnetic properties for biological applications

» Ms. Liana Delevingne, Dr. Frédéric Delbecq, Dr. Houcine Mhemdi

Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones

» Mrs. Sarah Altakach, Dr. Till Bousquet, Prof. Lydie Péliniski

“Brønsted Acid-Catalyzed Hydroamination of Benzylidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)”

» Mrs. Claire LAURENT, Dr. David LEBOEUF

In situ fluorescent tracking of ROPISA processes using NCA-based probes

» Ms. Emma Lalanne, Dr. Dalel EL MARROUKI, Mr. Amin El Jarroudi Hammou, Dr. Anh Thy Bui, Dr. Chloé Grazon

Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes

» Dr. Nicolas Joly, Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson



Continued from **Monday, 22 June**

Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Iérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson

Copper(I) Hybrid Materials: Insight into their Luminescence Stimuli-Responsive Properties

» [Ms. Giorgia Castellan](#), Prof. Olivier Hernandez, Dr. Jean-Yves Mevellec, Prof. Camille Latouche, Dr. Sandrine PERRUCHAS

Fine-Tuned Force Fields for Chromophores in Organic and Deep Eutectic Solvents

» [Ms. Dana Dastan](#), Dr. Abderrahmane Semmeq, Dr. Giacomo Prampolini, Prof. Francesca Ingrosso

Unlocking new C-OCF3 bond transformations

» [Dr. Arushi Garg](#), Mr. Zhenbang Chang, Mr. Mengyu Xu, Dr. Tatiana Besset

Upcycling tire waste into epoxy-phosphonate vitrimers via olefin cross-metathesis

» [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Prof. Isabelle Dez

Comparative study of Ni catalysts supported by silica and modified by metal addition Co for the steam reforming of methane

» [Mr. Ali ZAZI](#), Mrs. Ouiza Cherifi

Enhancing FRET Efficiency with Fluorescent Nanoparticles

» [Mr. Elvin Le Tallec](#), Dr. Chloé Gazon, Dr. Dalel EL MARROUKI, Mrs. Clara Catros, Mr. Vincent Mariani

Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase

» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance

Development of fluorescent boron derivatives

» [Dr. Emeric Montinho Inacio](#), Mr. Gabin Lalande, Dr. Laurent Chabaud, Dr. Mathieu Pucheault

Photocatalyzed Electrochemiluminescence Imaging of Patterned TiO₂ for Local Reactivity Mapping

» [Ms. Anaga Vinod](#), Dr. Bertrand Goudeau, Mr. Thomas Cottineau, Ms. Maryem Rahmani, Prof. Neso Sojic, Dr. Gabriel Loget

Multicomponent reactions on the biobased 5-HMF platform: access to new nitrogen containing heterocyclic compounds

» [Dr. YVES QUENEAU](#), Dr. Jingjing Jiang, Dr. Weigang Fan, Prof. Florence Popowycz

Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®

» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore

Designing MOF Electrodes for Urea Oxidation

» [Mr. Phirom Boun](#), Dr. Supattra Somsri, Dr. le Rang Jeon, Dr. Gabriel Loget

Radio-iodination of aryl-boronated species

» [Dr. Ulises Carrillo](#), Prof. Thomas Cailly, Mr. Lucas Verget

Upcycling of end-of-life tire rubber into vitrimers through transesterification

» [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez

Plasmon-Activated Molecular Catalysis Applied to Orthogonal Relay Catalysis

» [Mr. Maxime Cousseau](#), Dr. Clémence Queffélec, Dr. Mireia Rodriguez-Zubiri

Upcycling Cheese Whey into Plant-Based Kefir: A Hybrid Approach for Sustainable Functional Beverages

» [Ms. Sinem KELES](#)



Continued from **Monday, 22 June**

Lytic Polysaccharides MonoOxygenases, copper enzymes for the valorization of recalcitrant polysaccharides

» [Mr. Axel Delétoile](#), Mr. Niccolò Nova, Ms. Iris Wehrung, Dr. Maylis Orio, [Dr. Alexandre Ciaccafava](#), Dr. Jalila Simaan

Unlocking new N-Heterocycles through hydrocyanation of ynamides

» [Ms. wenwen yang](#), Mr. Dorian SCHUTZ

A chemical reactor for peptide formation, elongation and accumulation on the Primitive Earth, and its implication for the emergence of homochirality

» [Prof. Grégoire Danger](#), Ms. Salomé Lagasse, Dr. Laurent Boiteau, Dr. Robert Pascal

Exploring the pyrrolopyrimidine scaffold in drug discovery

» [Mrs. Lindita Lari](#), Dr. Sandra Albenque, Ms. Solène Savrimoutou, Dr. Stéphane Moreau, Prof. Jean Guillon, Prof. Vanessa Desplat

Redox-Active Self-Assembled Molecular Cages: From Supramolecular Masking to Rotaxane Wheels

» [Ms. MALIKA ALSHAB](#), Prof. Marc Sallé, Dr. Sébastien Goeb

New lithium ion alkoxysilane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries

» [Mr. Clement Coltin](#)

Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.

» [Mr. Dylan El Faudel](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson

Synthesis of an antimicrobial peptide active against Streptococcus mutans: integration of AI-assisted design

» [Dr. Enzo Eddebarh](#), Dr. Johan Samot, Prof. Akka Zemhari, Dr. Laurent Chabaud, Prof. Emilie Genin

Coupled Polymethine Dyes: Let's Have a Second Slice of π

» [Dr. Simon Pascal](#), Dr. Benjamin Mourot, Dr. Tatiana Munteanu, Dr. Carmelo Naim, Prof. Gabriel Canard, Dr. Olivier Siri, Prof. Denis Jacquemin

Electrocatalytic reduction of nitrite ions by mononuclear copper complexes

» Dr. Amira Mahmoud, Mr. Abdeljalal Outalha, Dr. Emmlyne Cuza, [Prof. Françoise Conan](#), Dr. Nicolas Le Poul

2-Pyridylidene ligands: From ligand properties determination to gold catalysis.

» [Mr. Jordan Courtois](#), Dr. Lucie Jarrige

Controlled Pt doping of silica-supported Ni nanoparticles through surface organometallic chemistry on metals: application as catalysts for selective hydrogenation reactions

» [Dr. Alejandra Zuluaga](#), Dr. Chloe Thieuleux, Dr. Clément CAMP, Dr. Laurent Vanoye, Dr. Régis Philippe, Dr. Romain Réocreux, Mr. Laurent Veyre

"CRISPR Reveals the Evolutionary Arms Race Between Oenococcus and Phages"

» [Dr. YASMA BARCHI](#)

Valorisation chimique et biologique d'Ephedra alata : une source durable de molécules bioactives pour les défis thérapeutiques futurs

» [Ms. Zineb Chetouh](#)

Exciton Pumping: a Novel Pathway for Solid-State High-Harmonic Generation

» [Mr. Ruben Narwa](#), Dr. Antonio Picón



Continued from **Monday, 22 June**

Molecular Docking and DFT calculation of Metronidazole-Cobalt complex

» [Mrs. HENNIA SLAOUTI](#)

Aldol condensation of furfural and acetone catalyzed by a new catalyst Mg-Al-NH₂-hydrotalcite-like

» [Mr. SAID ARHZAF](#), Mr. MOHAMMED NACIRI BENNANI, Mr. JAMAL HOUSSAINI

Harnessing Allylic Shift of Hexafluoroisobutylene to Access Enantiopure Polyfluorooleucine Derivatives as Versatile Building Blocks

» Mr. Sandeep Mummadi, Ms. Aline Delamare, Mr. Guillaume Naulet, Mr. Brice Kauffmann, Mr. Gilles GUICHARD, [Mr. Guillaume Compain](#)

Synthesis and evaluation of novel probes based on borinate ester trigger for the detection of hydrogen peroxide

» [Ms. Elsa RAMASSAMY](#), Dr. Hugo Bloux, Dr. Arnaud Chevalier, Dr. Philippe Durand, Dr. Boris Vauzeilles, Dr. Mathieu Pucheault, Dr. Laurent Chabaud, Dr. Stéphanie Norsikian

Design and microwave-assisted solid-phase peptide synthesis of novel AIP analogues as anti-biofilm agents for cystic fibrosis-related *S. aureus* infections

» [Mr. Rathies Ravindra](#), Mr. Aurélien BEATO, Ms. Hedia MARRAKCHI, Ms. Fatima EL GARAH

10:20am **Organic chemistry**

Main Auditorium

Chaired by: Arnaud VOITURIEZ

10:20am **Using artificial molecular motors to drive active chemical systems out of equilibrium**

» [Mr. Nicolas Giuseppone](#)

10:50am **Cyanide & Chill: How a Macrocycle Learned to Let Go**

» [Dr. Simon Pascal](#), Dr. Angéline Torres Ruiz, Mrs. Aerin E. Baker, Dr. Douglas A. Vander Griend, Prof. Denis Jacquemin, Dr. Olivier Siri

11:05am **The Multi-Responsive Acridinium Recognition Units in Complex Supramolecular Systems**

» [Dr. Henri-Pierre Jacquot de Rouville](#)

11:20am **Amphiphilic Artificial Channels for Selective Water/Proton Permeation**

» [Dr. Dan-Dan Su](#), Prof. Mihail Barboiu

11:35am **Designing chiral organic radicals through unusual SOMO-HOMO Inversion approach**

» Dr. Oscar Charpentier, [Dr. Ludovic Favereau](#)

11:50am **Light-driven post-functionalization of (bis)amino perylene diimide**

» [Dr. Benjamin Mourot](#), Dr. Tapasi Chand, Mr. Thomas Ave, Ms. Clara Pasgrimaud, Dr. Antoine Goujon

12:05pm **Imidazole-semicarbazones as photo-controllable ion and water transporters**

» [Mr. Hugo Laigle](#), Dr. Paras Wanjari, Dr. Dan-Dan Su, Prof. Mihail Barboiu, Dr. Sébastien Ulrich

10:20am **Sustainable chemistry / Industrial chemistry**

Auditorium A

Chaired by: Dr. Joel BARRAULT and Dr. MICHEL PHILIPPE

10:20am **Les voies de transition pour l'industrie chimique, vision et feuille de route**

» [Dr. MICHEL PHILIPPE](#), Dr. Joel BARRAULT

10:50am **Les voies de transition pour l'industrie chimique : Recherche, innovation et digitalisation**

» [Dr. Joel BARRAULT](#), Dr. MICHEL PHILIPPE



Continued from Monday, 22 June

- 11:20am **Chimie Verte Academy : former, expérimenter et coopérer pour construire la chimie verte de demain**
» [Dr. Grégory CHATEL](#), Prof. Stefan CHASSAING
- 11:50am **Table Ronde Session DCI-Div CD : Réflexion sur les voies de transition pour l'industrie chimique**
» [Dr. MICHEL PHILIPPE](#), Dr. Joel BARRAULT, Dr. Grégory CHATEL
- 12:05pm **Mechanochemical strategies for the production of lipoamino acids and lipopeptides surfactants**
» [Prof. Erwann GUÉNIN](#), Dr. Alla NESTERENKO, Dr. Lara WEHBE
- 10:20am **Solid state chemistry / Catalysis**
Auditorium B
Chaired by: Dr. Karine De Oliveira Vigier and Dr. PENIN Nicolas
- 10:20am **MXenes: The Swiss Army Knife of 2D (Electro)Catalysis**
» [Dr. Stéphane Célérier](#)
- 10:50am **Tuning Transition Metal Nitrides and Carbides Optical and Catalytic Properties via Preparation Methods**
» [Dr. Franck Tessier](#), Ms. Marie Mas, Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Dr. Corinne Lagrost, Ms. Noée Dumait, Dr. Stephane Cordier, Dr. Fabien Grasset
- 11:05am **Layered chalcogenides CIGSn as potential visible light ambipolar photocatalysts for solar fuel production**
» [Mr. Axel Aubin](#), Dr. Amal Belhacen, Dr. Clément Maheu, Dr. Adèle Renaud, Dr. Déborah Romito, Mr. Nicolas Gautier, Dr. Fabrice Odobel, Dr. Stéphane JOBIC, Dr. Hélène Serier-Brault, Dr. Maria Teresa Caldes
- 11:20am **Bismuth Oxyfluoride Compounds as Emerging Photocatalytic Materials: from powder to thin films**
» [Dr. Pierre Bonnet](#), Dr. Angélique Bousquet, Mr. Thomas Erbland, Dr. Sara Ibrahim, Dr. Sebastien ROTH, Dr. Audrey BONDUELLE, Dr. Celine PAGIS

- 11:35am **Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase**
» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance
- 11:50am **Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications**
» [Mr. Mattéo Prud'homme](#), Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier
- 12:05pm **Elaboration of lamellar hybrid materials for photooxidative pollutant degradation**
» [Ms. Laura ROCHE](#), Dr. Samantha Soulé, Prof. Cédric Carteret
- 10:20am **Coordination chemistry**
Auditorium D
Chaired by: Prof. Anna PROUST
- 10:20am **Breaking the wall... The long way from ultrabright lanthanides complex to real bioprobes for biphotonic microscopy imaging.**
» [Dr. Olivier Maury](#)
- 10:50am **How to boost emission intensity in photochromic lanthanide complexes with visible luminescence?**
» Dr. Yoann Fréroux, Dr. Salauat R. Kiraev, Dr. Olivier Maury, Prof. Stéphane Rigaut, [Prof. Lucie Norel](#)
- 11:05am **Coordination chemistry and seven-coordinate complexes: modulation of magnetic and optical properties**
» [Dr. Céline Pichon](#), Dr. Valentin Jubault, Dr. Carine Duhayon, Dr. Virginie Béreau, Dr. Jean-Pascal Sutter
- 11:20am **Ru(II) (NANO-)EDIFICES AND RELATED EXCITED-STATES FOR APPLICATIONS in (a)PDT**
» [Prof. Gilles Lemerrier](#)
- 11:35am **Probing Optical Activity in Coordination Compounds using X-rays**
» [Dr. Nazanin KORDESTAN](#), Dr. Elizabeth Hillard, Dr. Patrick Rosa, Dr. Philippe Saintavit, Dr. James Ablett, Dr. Andrei Rogalev



Continued from **Monday, 22 June**

- 11:50am **Thermally-activated delayed fluorescence in lanthanide complexes**
» [Dr. Anh Thy Bui](#), Mr. Charles Ciambone, Dr. Isabella Merritt
- 12:05pm **First-row transition metal ion complexes for green energy applications.**
» [Prof. Garry Hanan](#)
- 10:20am **Polymers and materials**
Auditorium E
Chaired by: Ms. Florence Bally-Le Gall
- 10:20am **Tailoring functional porous polymers with defined pore morphology**
» [Dr. Daniel GRANDE](#)
- 10:50am **Triarylamine-based supramolecular polymers: Fundamentals and Applications**
» [Dr. Emilie Moulin](#)
- 11:05am **Self-Assembly of Colloids in Permeable Capsules**
» [Ms. Kanak Kanak](#), Mr. Lucas Suire, Dr. Amaury Badon, Dr. Etienne Ducrot
- 11:20am **Structural heterogeneity of photochromic filaments resulting from self-assembled organic nanoparticles**
» [Ms. Alexandra Papaletsiou](#), Mr. Nicolas Stephant, Prof. Eléna Ishow, Dr. Stéphane Cuénot
- 11:35am **Exploring the Feasibility of Co-Encapsulating Upconverting Nanoparticles and Photosensitizers in Cubosomes for Deep-Tissue Applications**
» Mr. Zhe Li, Mr. Pierre Lapèze, Ms. Clara Campedel, Dr. Laure Gibot, Dr. Pierre Joseph, Dr. Clément Roux, [Dr. Barbara Lonetti](#)

- 11:50am **Hollow Fiber & Carbon Hollow Fiber innovation for gas separation**
» [Mr. Sébastien Rigourd](#)
- 10:20am **Energy interdivision**
Auditorium F
Chaired by: Véronique Dufaud and Frederic Jaouen
- 10:20am **TBC**
» [Mr. Mathieu Morcrette](#)
- 10:50am **Stability Challenges in High-Potential Nitroxide Posolytes for Aqueous Organic Redox Flow Batteries**
» [Dr. Steven Le Vot](#)
- 11:05am **Harnessing the Power of Quantum Mechanics in the field of Electrochemical Energy Storage: focus on the case of organic electrodes**
» [Dr. Christine FRAYRET](#), Dr. Yann Danten, Dr. Carlo Gatti
- 11:20am **Vanadium Recovery from Waste Leachates**
» [Ms. Raphaëlle Fasola](#), Dr. Marie Simonnet, Dr. Jérôme Maynadié, Dr. Damien Bourgeois
- 11:35am **Innovative cellulose fibers as precursors for SuperCapacitor carbon based-materials**
» [Mr. Simon Iestin](#), Dr. Christoph Unterweger, Ms. Dorela Hoxha, Mr. Konstantinos MYLONAS
- 11:50am **Insight into molecular grafting of carbon aerogels for electrochemical capacitors applications**
» Ms. Célia Clementz, Mr. Serge Paofai, Dr. Sandrine Berthon-Fabry, Dr. Philippe Hapiot, Dr. Corinne Lagrost, [Dr. Yann Leroux](#)
- 12:05pm **N-type and p-type organic materials for thermoelectric applications**
» [Ms. Léa JOLY](#), Dr. Thibaut Jarrosson, Dr. Jean-Noël Volle, Mr. Claude Niebel, Prof. Françoise Serein-Spirau



Continued from **Monday, 22 June**

10:20am **Physical chemistry**
Auditorium G
Chaired by: Dr. Olivier Soppera

10:20am **Chirped Pulse And Resonator In one Spectrometer (PARIS) : Une innovation instrumentale conciliant rapidité d'acquisition, résolution et sensibilité extrême en spectroscopie micro-onde**
» [Prof. Ha Vinh Lam Nguyen](#)

10:50am **Computational elucidation of ligand driven selectivity in gold(I) catalyzed alkyne hydroamination.**
» [Dr. Marina Descoubes](#), Prof. Anne Milet, Dr. Tiejun Li, Prof. Brigitte Bibal

11:05am **Ultrasensitive quantitative phase nanometrology : operando monitoring of chemical reactions at single gold nanoparticle**
» [Mr. Tuan tu Cao](#), Mr. Zhu Zhang, Mr. Jean Frédéric Audibert, Ms. Rasta Ghasemi, Mr. Cédric Mongin, Mr. Gilles Tessier, Mrs. Isabelle Leray, Mr. Pascal Berto, Dr. Vitor Brasiliense

11:20am **Local Photoelectrochemistry and Data Modeling for Properties Extraction of Photoelectrodes**
» [Mr. Thomas Cottineau](#), Mr. Florian Gelb, Mr. Sébastien Vergne, Dr. Valérie Keller, Prof. Dodzi Zigah

11:35am **Physico-chemical aging of secondary aerosols at the single particle scale**
» [Dr. Gwendoline Bourdon](#), Dr. Pierre-Marie Flaud, Dr. Emilie Perraudin, Prof. Eric Villenave, Dr. Sophie Sobanska

11:50am **Gold carbene complexes. New bonding and mechanistic insights via combined experimental-theoretical studies.**
» [Dr. Karinne Miqueu](#), Mr. Shuo Li, Dr. Rui Wei, Dr. David Vesseur, Ms. Nina Albouy, Dr. Didier Bourissou

12:05pm **Precise control of energy release in a photo-electroswitchable ionic couple**
» [Dr. Lorenzo Casimiro](#), Mx. Nurzahira Binti Zamri, Prof. Massimo Baroncini, Prof. Anna PROUST, Dr. Guillaume Izzet

12:20pm **Lunch**
Lunch Area

1:20pm **Organic chemistry**
Main Auditorium
Chaired by: Dr. ESTELLE METAY

1:20pm **Development of New Catalytic Strategies for the Selective Functionalization of Nitrogen-Containing Building Blocks**
» [Prof. Isabelle GILLAIZEAU](#)

1:50pm **Membrane compartmentalized reactor for real parallel kinetic resolution**
» [Dr. Damien Héroult](#), Dr. Jingke Hou, Dr. Sabine CHEVALLIER-MICHAUD, Dr. Luc Favre, Prof. Cyril BRESSY, Ms. Marion Jean

2:05pm **Merging copper catalysis with nitro allyl and allyl sulfone derivatives: practical, straightforward, and scalable synthesis of diversely functionalized allyl boranes**
» [Ms. Cora Escande de Messières](#), Dr. Laurent El Kaïm, Dr. Stelios Arseniyadis, Dr. Julian Garrec, Dr. Nicolas Casaretto

2:20pm **Iron-catalyzed radical difluoromethylation of acrylamides under ball-milling conditions**
» [Dr. Thomas Castanheiro](#)

2:35pm **Supported Asymmetric Catalysis via Self-Assembled Molecular Sieves**
» [Ms. Chloé Jamalkhan](#), Prof. David Kreher, Prof. Mohamed Mellah, Dr. Emmanuelle Schulz, Prof. Olivier David

2:50pm **BRIDGING HOMOGENEOUS & HETEROGENEOUS CATALYSIS WITH ZEOLITES – A STEP TOWARDS GREEN CHEMISTRY**
» [Prof. Stefan CHASSAING](#)



Continued from **Monday, 22 June**

- 3:05pm **Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars**
» [Dr. Lisa Bonin](#), Prof. Samir Messaoudi
- 1:20pm **Sustainable chemistry**
Auditorium A
Chaired by: Prof. Franck LAUNAY and Prof. Dominique AGUSTIN
- 1:20pm **Chemical Recycling of Silicones: Back to Circularity**
» [Dr. Aurélie BOULEGUE MONDIERE](#)
- 1:50pm **Infinity Recyclability Factor as tool of circular economy fluxes evaluation**
» [Mr. Mohammed Mazen Hariri](#), Prof. Lorie Hamelin, Prof. Ioannis Zuburtikudis, Prof. Ayesha Zahid
- 2:05pm **Chemical upcycling of poly(bisphenol A carbonate) through organocatalysis**
» Dr. Killian Onida, Mr. Mohamad Fayad, Dr. Yanfang Qin, Dr. ESTELLE METAY, [Dr. Nicolas Duguet](#)
- 2:20pm **Efficient recycling of solar PV: multi-faceted strategy**
» [Dr. Romain Duwald](#), Ms. Agathe Vaché, Dr. Youcef Karar, Dr. Joshua Vauloup, Dr. Lison Marthey, Dr. Fabrice Coustier, Dr. Emmanuel Billy
- 2:35pm **Development in Low-Carbon Technical Fibers for a Sustainable Future**
» [Dr. Xavier SOLIMANDO](#), Mr. Simon Jestin, Ms. Céline GONI LIZOAIN, Dr. Célia MERCADER
- 2:50pm **Mechanochemical transformation of Carbohydrates into bioactive derivatives**
» [Ms. Anne WADOUACHI](#)

- 1:20pm **Catalysis**
Auditorium B
Chaired by: Dr. Etienne GIRARD and Ms. Elise Berrier
- 1:20pm **Bridging the pressure and material's gaps in perovskite bulk catalysis: towards finding a smart approach to probe the selvedge**
» [Ms. Elise Berrier](#), Dr. Sagar Sharma, Mrs. Valerie Theuns, Dr. Anne-Sophie Mamede, Dr. Emiliano Fonda
- 1:50pm **Description of the photoelectrochemical activity and band structure of CeTi₂O_{6-x} phases**
» [Dr. Cyril Hachemi](#), Dr. Mourad Debbichi, Dr. Jules Galipaud, Dr. Adel Mesbah, Mr. Yoann Aizac, Dr. Michael Badawi, Dr. Christophe Geantet, Dr. Mathieu Prévôt, Dr. Luis Cardenas
- 2:05pm **Designing MOF Electrodes for Urea Oxidation**
» [Dr. Supattra Somsri](#), Mr. Phirom Boun, Dr. Ie Rang Jeon, Dr. Gabriel Loget
- 2:20pm **Cobalt Phthalocyanine Integrated in Membrane Electrode Assembly for the Electrochemical Reduction of CO₂ to Methanol**
» [Mrs. Emma El Beaine](#), Prof. Marc ROBERT
- 2:35pm **Enhancing 2-Methylfuran Selectivity in Furfural Electrocatalytic Hydrogenation: The Role of Phosphate Anions**
» [Dr. Mathieu Prévôt](#), Mr. Clément Spadetto, Dr. Essyllt Louarn, Dr. Philippe Vernoux
- 2:50pm **Engineering Promoted Co₂Mo₂N Catalysts for Efficient Ammonia Production**
» [Dr. Pawan KUMAR](#), Dr. Jean Philippe Dacquin, Prof. Sébastien Royer
- 1:20pm **Coordination chemistry / Solid state chemistry**
Auditorium D
Chaired by: Dr. Stephane Cordier and Dr. Florence Volatron



Continued from **Monday, 22 June**

- 1:20pm **Design of binary hybrid composites involving polyoxometalates, metal-organic frameworks and metal nanoparticles for energy or biological applications**
» [Dr. Anne Dolbecq](#)
- 1:50pm **Copper iodide materials for mechanochromic luminescent properties**
» [Mrs. Alexia Rocheteau](#), Dr. Hélène Serier-Brault, Dr. Sandrine PERRUCHAS
- 2:05pm **Octahedral Metal Clusters: From Solid-State Precursors to Tailored Functional Materials**
» [Dr. Stephane Cordier](#), Mr. Kurt Kpton, Mr. Serge Paofai, Ms. Noee Dumait, Prof. Olivier Hernandez, Dr. Jérôme Cuny, Dr. Franck Tessier, Dr. Adèle Renaud
- 2:20pm **Alkali Lanthanide-free Polyoxometalates as New Sustainable, Reusable, and Recyclable Luminescent Sensors of Humidity**
» [Prof. Rémi Dessapt](#), Dr. Aurély Bagghi, Mr. Léo Papin, Mr. Nicolas Gautier, Mr. Nicolas Stephant, Dr. Florent Boucher, Dr. Philippe Deniard, Prof. Olivier Hernandez, Prof. CARTIGNY Johann, Dr. Kateryna Fatyeyeva
- 2:35pm **Chirality and Conductivity in Porous Coordination Polymers**
» [Dr. Nicolas Zigon](#), Dr. Narcis Avarvari, Dr. Teodora Mocanu, Dr. Yohan Cheret, Dr. Pascale Auban-Senzier, Dr. Ghénadie Novitchi, Dr. Enric Canadell, Prof. Pere Alemany, Dr. Iwona Olejniczak
- 2:50pm **Stable Metal-Organic Electrochromic Materials based on Surface-confined Terpyridine Architectures**
» Dr. Nadia O. Laschuk, Mrs. Vittoria DiPalo, Prof. E. Bradley Easton, [Prof. Olena Zenkina](#)

- 3:05pm **Synthesis of multifunctional hetero-poly-metallic complexes: Optical probes for magnetic characterization**
» [Ms. Hong Nhung NGUYEN](#), Dr. Constance Lecourt, Ms. Lamia Aboulharjan, Mr. Mohamad Elhasan Salman, Dr. Olivier Maury, Mr. Jérémy Forté, Dr. Sébastien Pillet, Mr. Artem Mikhailov, Mr. El-Eulmi Bendeif, Dr. Valérie Marvaud
- 3:08pm **New polyfunctional ligands for oxide surfaces. Application to the protection of light alloys.**
» [Ms. Loélia Perrault](#), Ms. Mathilde Michaux, Ms. Christina Skoumas, Prof. Dimitri Mercier, Prof. François Ribot, Prof. Louis Fensterbank
- 3:11pm **Mono-, bis- and tri-benzimidazolium halobismuthates: hybrid organic-inorganic systems**
» [Prof. Sara Cortés-Llamas](#), Ms. Loélia Perrault, Dr. Salem Ba Sowid, Prof. François Ribot, Prof. Dimitri Mercier, Prof. Louis Fensterbank
- 3:14pm **Mo2O5S2-thiosemicarbazone coordination complexes: from synthesis to properties.**
» Dr. Diana Cebotari, Dr. Sergiu Calancea, Mr. Jules God--Carles, [Ms. Naomi Boyer](#), Ms. Tessa Caltà, Dr. Maxime Laurans, Dr. Mohamed Haouas, Dr. Jerome Marrot, Dr. Vincent Guerineau, Prof. Olivier David, Prof. Aurelian Gulea, Prof. Sebastien Floquet
- 1:20pm **Polymers and materials**
Auditorium E
Chaired by: Dr. Daniel GRANDE
- 1:20pm **Physicochemistry and engineering of soft matter: colloids, emulsions, foams, gels, liquid crystals, etc.**
» [Mr. Fouzia Boulmedais](#)
- 1:50pm **Multifunctional lipid-silica hybrid microparticles prepared by one-step industrially scalable process**
» [Dr. Ileana-Alexandra Pavel](#), Dr. Claire Delmas, Ms. Julia Bastos Toledo, Ms. Hibat-Allah Kerchouche, Prof. Vincent Faivre
- 2:05pm **Next-Generation Reverse Osmosis for Energy-Efficient Desalination Enabled by Biomimetic Membranes**
» [Dr. Sanaa Daakour](#), Prof. Mihail Barboiu



Continued from Monday, 22 June

- 2:20pm **Extrusion and processing of PLA-based electromagnetic composites for biological applications, also suitable for EMI shielding**
» [Ms. Liana Delevingne](#), Dr. Frédéric Delbecq, Dr. Houcine Mhemdi
- 2:35pm **Stimuli-responsive colloidal capsules in water-in-water emulsions**
» [Dr. Adeline Perro](#)
- 2:50pm **Poly(2-oxazoline) Micelles with Redox-Active End Groups for Controlled Drug Delivery**
» [Dr. Yougourthen Boumekla](#), Prof. Piétrick Hudhomme, Dr. Oksana Krupka
- 3:05pm **Lignin Characterization: A machine-learning assisted method for hydroxyl quantification in lignin with ATR-IR**
» [Dr. Hugo Liltj](#), Dr. Dorothee Laurenti, Dr. Christophe Geantet
- 1:20pm **Chemical Biology**
Auditorium F
Chaired by: Dr. Yung-Sing WONG
- 1:20pm **Functionalized oligonucleotides for biomimetic applications**
» [Dr. Beatrice GERLAND](#)
- 1:50pm **Discovery of G-Quadruplex Ligands Using Focused DNA-Encoded Chemical Libraries**
» [Dr. Thomas Lavergne](#)
- 2:05pm **Design, synthesis and evaluation of DNA-binding mimics of c-Fos/c-Jun transcription factor in anti-cancer therapy**
» [Mrs. Laetitia VARAJAO](#), Dr. Christel DOLAIN, Dr. Sébastien CAMPAGNE, Dr. Gilles Guichard
- 2:20pm **Multifunctional enzyme inhibitors to target epigenetic mechanisms in cancers and parasite infections**
» [Dr. Marie Lopez](#)

- 2:35pm **Super-fast and fluorogenic bioorthogonal probes for the labeling of 1,3-dipole-tagged biomolecules in no-wash conditions**
» [Dr. Frederic Friscourt](#)
- 2:50pm **Conformationally Constrained Nucleic Acids for topological control and applications**
» [Mr. Jawad Belkheir](#)
- 1:20pm **Industrial chemistry - AMI**
Auditorium G
Chaired by: Ms. Cécile PAGNOUX
- 1:20pm **TBC**
» [Mr. Camille Bakkali-Hassani](#)
- 1:50pm **Investigation d'une instabilité thermique en milieu cireux complexe : impact de la naturalité sur la montée en échelle d'un rouge à lèvres**
» [Mr. frederic AUGUSTE](#), Ms. Pauline BURG, Mr. Philippe ILEKTI
- 2:20pm **Accelerating Shampoo Formulation Innovation Through an AI-Orchestrated Lab**
» [Mr. Roberto Company](#), Mr. Bernard Roux, Dr. Pascal HERVE, Dr. Selene CHAPPUIS
- 2:40pm **Comment étendre la représentativité et l'applicabilité des techniques de diffusion de lumière et d'analyse d'images sur les produits formulés : apport de la simulation, de la modélisation et de l'intelligence artificielle**
» [Mr. Guillaume Lemahieu](#)
- 3pm **Analyse industrielle : nouveaux outils de spectrométrie et nouveaux challenges pour le recyclage des polymères**
» [Mrs. nicole GILON](#)
- 3:20pm **Poster Session & Coffee Break**
Coffee Break & Posters



Continued from **Monday, 22 June**

Representing Conjugate Biomolecules in Medicinal Chemistry and Chemical Biology

» Mx. Antima Gupta, Mx. Alex M Clark, Mx. Peter Gedeck, Mr. Mark Harding, Mr. Nicola Vettore, Mx. Ljubica Milović, Mx. Roman Rodionov, Mx. Valentin Anoprenko, Mx. Ralphie Fiorenza, Mx. Robert Kotak-Thorn, Mx. Krishna Dole, Mx. Kellan Gregory, Mx. Barry Bunin

Harnessing Allylic Shift of Hexafluoroisobutylene to Access Enantiopure Polyfluorooleucine Derivatives as Versatile Building Blocks

» Mr. Sandeep Mummadi, Ms. Aline Delamare, Mr. Guillaume Naulet, Mr. Brice Kauffmann, Mr. Gilles GUICHARD, Mr. Guillaume Compain

Synthesis and evaluation of novel probes based on borinate ester trigger for the detection of hydrogen peroxide

» Ms. Elsa RAMASSAMY, Dr. Hugo Bloux, Dr. Arnaud Chevalier, Dr. Philippe Durand, Dr. Boris Vauzeilles, Dr. Mathieu Pucheault, Dr. Laurent Chabaud, Dr. Stéphanie Norsikian

Design and microwave-assisted solid-phase peptide synthesis of novel AIP analogues as anti-biofilm agents for cystic fibrosis-related S. aureus infections

» Mr. Rathies Ravindra, Mr. Aurélien BEATO, Ms. Hedia MARRAKCHI, Ms. Fatima EL GARAH

SYNTHIA : an Automated & Light-Assisted High-Throughput Experimentation Platform

» Ms. Laura Marchand, Mr. Brice Didelot, Mr. Nicolas Blanchard

Targeting MCT1-4 to Overcome Temozolomide Resistance in Glioblastoma

» Ms. Manel Larafa, Ms. Alicia Delavier, Ms. Murielle Berlande, Ms. Eva Epinette, Mr. Thomas Daubon, Ms. Valérie Ravaine, Dr. Magali Szlosek

Characterization of volatile organic compounds from 49 white and aged agricultural rums from Guadeloupe and Martinique.

» Mrs. Sandrine LESUPERBE - SAVERIMOUTOU, Mr. Damien STEYER, Mrs. Guylène AURORE, Mrs. Gélica LAWRENCE

Last-stage functionalization of alloxazines and their applications in photocatalysis

» Mr. Amael Grégoire, Prof. Marine DESAGE-EL MURR

Silver(I)-NHC Complexes as Dual-Action Agents Against Pathogenic Acanthamoeba Trophozoites: Anti-Amoebic and Anti-Adhesion Activities

» Dr. hkiri shaima, Dr. David Sémeril, Prof. Elvan Üstün, Prof. Zübeyda Zübeyda

Design and Self-Assembly of Nucleolipid-based drug-conjugate gelators

» Ms. Charlotte Letailleur Lamonica, Ms. Léa Mulot, Dr. Arthur Klufts-Edel, Dr. Arnaud Gissot, Dr. Valerie Desvergnès

Statistical Field Theory To Study Supercritical CO2 Under Confinement

» Ms. Odette Tannous, Dr. Antoine Carof

Dimerization of Oxidized Phenols : Investigation of an Alternative Pathway towards Quassinoids Skeleton

» Mr. Noé Klopocki, Prof. Patrick Y. Toullec, Dr. Philippe A. Peixoto

Minimal Core, Maximum Emission: Modular Amination of Single-Benzene Fluorophores

» Dr. Enzo Nobile, Mr. Nikita Salov, Dr. Marie-Pierre Heck, Dr. Grégory Pieters

Towards the electrochemical molecular activation of dinitrogen with phthalocyanines

» Mr. Kenberson Surin, Prof. Marc ROBERT, Dr. Dependu Dolui

A non-innocent, pi-extended N-Heterobicyclic Carbene-thiolate ligand

» Dr. Vincent CESAR, Mr. Michael Marquardt, Mr. Korentin Lartigue, Mr. Richeek Debnath, Dr. Vincent Maurel, Dr. Jean-Marie Mouesca, Prof. Ivan Castillo, Dr. Stéphanie Bastin



Continued from **Monday, 22 June**

Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications

» Mr. Mattéo Prud'homme, Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier

Influence du rapport oleylamine / acide oléique sur la taille et la morphologie des nanoparticules d'oxyde de fer synthétisées par voie micro-ondes

» Mrs. Cyrielle Hoffmann, Dr. Emmanuel Lamouroux, Dr. Solenne Fleutot

Mo2O2S2-thiosemicarbazone coordination complexes: from synthesis to properties.

» Dr. Diana Cebotari, Dr. Sergiu Calancea, Mr. Jules God--Carles, Ms. Naomi Boyer, Ms. Tessa Calta, Dr. Maxime Laurans, Dr. Mohamed Haouas, Dr. Jerome Marrot, Dr. Vincent Guerineau, Prof. Olivier David, Prof. Aurelian Gulea, Prof. Sebastien Floquet

Redefining access to Cyclic (Alkyl)(Amino) Carbenes: A versatile and tunable platform

» Ms. Samantha Kennedy, Dr. Marc Mauduit, Dr. Rodolphe Jazzar

Towards the controlled synthesis of polyfluoroacetylene

» Dr. Sara Bonfante, Prof. Jason Lynam, Dr. John Slattery

Chemical synthesis of molecular probes bearing polyphenolic stilbenoids for the study of their bacterial protein interactions

» Ms. Margot Zambon, Prof. Sébastien Vilain, Prof. Denis Deffieux, Prof. Stéphane Quideau

Methodological development of a [2+2] cyclodimerization of ortho-quinonoids: Towards the total synthesis of sclerocitrin

» Mr. Baptiste GEFPE, Mr. Kevin Balaire, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Towards the Total Synthesis of Geraniin

» Ms. Aurora Bossoni, Dr. Romain Larrieu, Ms. Anaëlle Cornu, Mr. Nathan Billard, Prof. Laurent Pouységu, Prof. Denis Deffieux, Prof. Stéphane Quideau

Stilbene Profiles Across Grape Cane Fractions and Savoie Cultivars: Links to Antioxidant Activity

» Dr. Aghiles Karim AISSAT, Dr. Audrey DAMIENS, Ms. Eléa Collange, Prof. Micheline DRAYE, Dr. Grégory CHATEL

Iron Tetraphenylporphyrin complex for CO2 electrochemical reduction and C-C bond formation

» Mr. Ulysse Garnier Viarouge, Prof. Marc ROBERT, Prof. Monica Calatayud

Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties

» Ms. Solène Foisneau, Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard

Polydopamine particles-stabilized Pickering Emulsions for catalytic applications

» Dr. Jean-François DECHEZELLES

Synthesis of ortho-Quinol-based [4+2]-Cyclodimers via Chiral Iodol-type λ^5 -Iodanes-mediated Hydroxylative Phenol Dearomatization

» Ms. zhaozhao sun, Ms. Anaëlle Cornu, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars

» Dr. Lisa Bonin, Prof. Samir Messaoudi

"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise

» Mrs. Cécile Chamignon



Continued from Monday, 22 June

From Cluster Halides to Catalysts: Nanostructured Molybdenum Carbides for Efficient Hydrogen Evolution Reaction

» [Dr. Stephane Cordier](#), Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Ms. Noee Dumait, Ms. Ludivine Rault, Dr. Corinne Lagrost, Dr. Fabien Grasset, Dr. Franck Tessier

Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination

» Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi

A participative approach to reduce the environmental impact of research activities at the Chemical Sciences institute of Rennes

» Dr. Louise-Anne Cariou, Dr. Nicolas Cimetière, Prof. Karine Costuas, Dr. Fabienne Gauffre, [Dr. Guillaume Gouget](#), Mr. Edwin Perrot

Exploring syntheses in inorganic molten salts for the ligation of p-block elements to metal clusters

» [Ms. Faouzati Abdallah](#), Ms. Noee Dumait, Dr. Stephane Cordier, Dr. Guillaume Gouget

Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study

» [Mr. Chefikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery

Peptide coacervates as minimal compartments for prebiotic chemistry

» [Ms. Marie QUINCEROT](#), Ms. Ankita SAHU, Dr. Samantha CHAISE, Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin

Cu/Pd Dual-Catalyzed Stereoselective Construction of Homoallylic Nitriles Featuring Vicinal Stereocenters and Their Post-Functionalization

» [Mr. Quentin Chevrier](#), Dr. Lilian Mimoun, Dr. Hamdi Sanaa, Dr. Cyril Nicolas, Prof. Isabelle GILLAIZEAU

Study of kinetics of hydration of new photoluminescent alkali lanthanide-free [SbW6O24]7- used for water detection.

» Prof. CARTIGNY Johann, [Ms. Sinali Linara Kasige Silva](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New glycosyl conjugates to address biological targets: an approach leading to the downregulation of KRAS proteins.

» Mr. Julien Verget, Dr. Faith Kivunga, Dr. Virginie Baylot, Dr. Jean Dessolin, Dr. Haythem Abda, Dr. Biju Majumbar, Ms. Léa Mulot, Dr. Henri Barry, Ms. Patricia Korzak, [Ms. Brune Vialet](#), Prof. Philippe Barthelemy

Study of the solid-state landscape of the (an)hydrated forms of K7[SbW6O24], a new type of turn-off luminescence humidity sensors.

» [Prof. CARTIGNY Johann](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New Alkali Lanthanide-free Polyoxometalate Salts with Highly Tunable Water-responsive Photoluminescence Properties

» [Mr. Léo Papin](#), Dr. Aurély Bagghi, Prof. Olivier Hernandez, Prof. CARTIGNY Johann, Prof. Rémi Dessapt

A Unified Approach to Aspidosperma and Eburnane Scaffolds towards Bis-indole Alkaloids

» [Dr. Emmanuel Valzer](#), Dr. Nicolas Girard

Synthesis of pyrrolidines as enzyme modulators targeting glucocerebrosidase: Application to Gaucher disease

» [Ms. Chedia Yaakoubi](#), Dr. Cecile Dehoux, Prof. Mohamed Lotfi Efrif, Dr. Aïcha ARFAOUI, Dr. Yves Génisson



Continued from **Monday, 22 June**

Lithium effect on lipid bilayer : The quest to understand lithium therapeutic mechanism in Bipolar Disease

» [Dr. Louis Bunel](#), Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman, Dr. Vladimir Adrien

Mono-, bis- and tri-benzimidazolium halobismuthates: hybrid organic-inorganic systems

» [Prof. Sara Cortés-Llamas](#), Ms. Loélia Perrault, Dr. Salem Ba Sowid, Prof. François Ribot, Prof. Dimitri Mercier, Prof. Louis Fensterbank

Synboli: Accelerating the development of high performance polymer materials through AI

» [Dr. Marion Boyet](#), Dr. Maksym Odnoroh, Mrs. Cassandre Motte, Mrs. Laura Misrachi, Mr. Vincent Simonet, Dr. Mathieu Pucheault

From Fluoroform (HFC-23) to Difluoromethylated Heterocycles via Trifluorovinylamine as a C2 reagent

» [Dr. Tan Sang TRUONG](#), Dr. Jonathan Decaens, Prof. Thomas Poisson, Prof. Philippe Jubault

Deep learning-assisted first-principles molecular simulations of divalent cation battery electrolytes

» [Mr. Aurélien Zavadil](#), Prof. Rodolphe Vuilleumier

Design and Self-Assembly of Non-Viral Nanovectors for Nucleic Acid Delivery in pediatric cancer

» [Mrs. Pauline Trousselier](#), Dr. Morgan Wloch, Mrs. Elora Bonzon-Dubos, Mr. Pierre Klein, Dr. Christophe Grosset, Dr. Valerie Desvergnès

Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging

» [Mr. Luka Perrin](#), Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt

New manganese half-sandwich platforms for N2 activation

» [Mr. Quentin Lepeintre](#), Dr. Laure Vendier, Prof. Marcus Drover, Dr. Antoine Simonneau

Bioinspired functional models of copper-containing Lytic Polysaccharide Monoxygenase

» Dr. Subhankar Sutradhar, Dr. Rébecca Leblay, Mr. Niccolò Nova, Dr. Bruno Faure, [Dr. Jalila Simaan](#)

COSMO-RS Prediction of Hydrocarbons EACNs Calibrated on the n-Alkanes Reference Scale

» [Prof. Jean-Marie AUBRY](#), Dr. Théophile Gaudin, Prof. Andreas Klamt

Sustainable protein recovery from almond press cake via natural deep eutectic solvents

» [Dr. Alexandra Gaspar-Pintilieșcu](#), Dr. Elena Mihai, Ms. Viorica Coroiu, Dr. Angela Port, Prof. Maria Duca, Dr. Oana Craciunescu

Development of PLA beads with electromagnetic properties for biological applications

» [Ms. Liana Delevingne](#), Dr. Frédéric Delbecq, Dr. Houcine Mhemdi

Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones

» [Mrs. Sarah Altakach](#), Dr. Till Bousquet, Prof. Lydie Pélineski

“Brønsted Acid-Catalyzed Hydroamination of Benzylidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)”

» [Mrs. Claire LAURENT](#), Dr. David LÉBOEUF

In situ fluorescent tracking of ROPISA processes using NCA-based probes

» [Ms. Emma Lalanne](#), Dr. Dalel EL MARROUKI, Mr. Amin El Jarroudi Hammou, Dr. Anh Thy Bui, Dr. Chloé Grazon

Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes

» [Dr. Nicolas Joly](#), Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson



Continued from **Monday, 22 June**

Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Iérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson

New polyfunctional ligands for oxide surfaces. Application to the protection of light alloys.

» [Ms. Loélia Perrault](#), Ms. Mathilde Michaux, Ms. Christina Skoumas, Prof. Dimitri Mercier, Prof. François Ribot, Prof. Louis Fensterbank

Copper(I) Hybrid Materials: Insight into their Luminescence Stimuli-Responsive Properties

» [Ms. Giorgia Castellan](#), Prof. Olivier Hernandez, Dr. Jean-Yves Mevellec, Prof. Camille Latouche, Dr. Sandrine PERRUCHAS

Fine-Tuned Force Fields for Chromophores in Organic and Deep Eutectic Solvents

» [Ms. Dana Dastan](#), Dr. Abderrahmane Semmeq, Dr. Giacomo Prampolini, Prof. Francesca Ingrosso

Unlocking new C-OCF3 bond transformations

» [Dr. Arushi Garg](#), Mr. Zhenbang Chang, Mr. Mengyu Xu, Dr. Tatiana Besset

Upcycling tire waste into epoxy-phosphonate vitrimers via olefin cross-metathesis

» [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Prof. Isabelle Dez

Comparative study of Ni catalysts supported by silica and modified by metal addition Co for the steam reforming of methane

» [Mr. Ali ZAZI](#), Mrs. Ouiza Cherifi

Enhancing FRET Efficiency with Fluorescent Nanoparticles

» [Mr. Elvin Le Tallec](#), Dr. Chloé Grazon, Dr. Dalel EL MARROUKI, Mrs. Clara Catros, Mr. Vincent Mariani

Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase

» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance

Development of fluorescent boron derivatives

» [Dr. Emeric Montinho Inacio](#), Mr. Gabin Lalande, Dr. Laurent Chabaud, Dr. Mathieu Pucheault

Synthesis of multifunctional hetero-poly-metallic complexes: Optical probes for magnetic characterization

» [Ms. Hong Nhung NGUYEN](#), Dr. Constance Lecourt, Ms. Lamia Aboulharjan, Mr. Mohamad Elhasan Salman, Dr. Olivier Maury, Mr. Jérémy Forté, Dr. Sébastien Pillet, Mr. Artem Mikhailov, Mr. El-Eulmi Bendeif, Dr. Valérie Marvaud

Photocatalyzed Electrochemiluminescence Imaging of Patterned TiO₂ for Local Reactivity Mapping

» [Ms. Anaga Vinod](#), Dr. Bertrand Goudeau, Mr. Thomas Cottineau, Ms. Maryem Rahmani, Prof. Neso Sojic, Dr. Gabriel Loget

Multicomponent reactions on the biobased 5-HMF platform: access to new nitrogen containing heterocyclic compounds

» [Dr. YVES QUENEAU](#), Dr. Jingjing Jiang, Dr. Weigang Fan, Prof. Florence Popowycz

Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®

» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore

Designing MOF Electrodes for Urea Oxidation

» [Mr. Phirom Boun](#), Dr. Supattra Somsri, Dr. le Rang Jeon, Dr. Gabriel Loget

Radio-iodination of aryl-boronated species

» [Dr. Ulises Carrillo](#), Prof. Thomas Cailly, Mr. Lucas Verget

Upcycling of end-of-life tire rubber into vitrimers through transesterification

» [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez



Continued from Monday, 22 June

Plasmon-Activated Molecular Catalysis Applied to Orthogonal Relay Catalysis

» [Mr. Maxime Cousseau](#), Dr. Clémence Queffélec, Dr. Mireia Rodriguez-Zubiri

Upcycling Cheese Whey into Plant-Based Kefir: A Hybrid Approach for Sustainable Functional Beverages

» [Ms. Sinem KELES](#)

Lytic Polysaccharides MonoOxygenases, copper enzymes for the valorization of recalcitrant polysaccharides

» [Mr. Axel Delétoile](#), Mr. Niccolò Nova, Ms. Iris Wehrung, Dr. Maylis Orio, Dr. Alexandre Ciaccafava, Dr. Jalila Simaan

Unlocking new N-Heterocycles through hydrocyanation of ynamides

» [Ms. wenwen yang](#), Mr. Dorian SCHUTZ

A chemical reactor for peptide formation, elongation and accumulation on the Primitive Earth, and its implication for the emergence of homochirality

» [Prof. Grégoire Danger](#), Ms. Salomé Lagasse, Dr. Laurent Boiteau, Dr. Robert Pascal

Exploring the pyrrolopyrimidine scaffold in drug discovery

» [Mrs. Lindita Lari](#), Dr. Sandra Albenque, Ms. Solène Savrimoutou, Dr. Stéphane Moreau, Prof. Jean Guillon, Prof. Vanessa Desplat

Redox-Active Self-Assembled Molecular Cages: From Supramolecular Masking to Rotaxane Wheels

» [Ms. MALIKA ALSHAB](#), Prof. Marc Sallé, Dr. Sébastien Goeb

New lithium ion alkoxy silane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries

» [Mr. Clement Coltin](#)

Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.

» [Mr. Dylan El Faudel](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson

Synthesis of an antimicrobial peptide active against *Streptococcus mutans*: integration of AI-assisted design

» [Dr. Enzo Eddebbarih](#), Dr. Johan Samot, Prof. Akka Zemmari, Dr. Laurent Chabaud, Prof. Emilie Genin

Coupled Polymethine Dyes: Let's Have a Second Slice of π

» [Dr. Simon Pascal](#), Dr. Benjamin Mourot, Dr. Tatiana Munteanu, Dr. Carmelo Naim, Prof. Gabriel Canard, Dr. Olivier Siri, Prof. Denis Jacquemin

Electrocatalytic reduction of nitrite ions by mononuclear copper complexes

» Dr. Amira Mahmoud, Mr. Abdeljalal Outalha, Dr. Emmylyne Cuza, [Prof. Françoise Conan](#), Dr. Nicolas Le Poul

2-Pyridylidene ligands: From ligand properties determination to gold catalysis.

» [Mr. Jordan Courtois](#), Dr. Lucie Jarrige

Controlled Pt doping of silica-supported Ni nanoparticles through surface organometallic chemistry on metals: application as catalysts for selective hydrogenation reactions

» [Dr. Alejandra Zuluaga](#), Dr. Chloe Thieuleux, Dr. Clément CAMP, Dr. Laurent Vanoye, Dr. Régis Philippe, Dr. Romain Réocreux, Mr. Laurent Veyre

"CRISPR Reveals the Evolutionary Arms Race Between *Oenococcus* and Phages"

» [Dr. YASMA BARCHI](#)



Continued from Monday, 22 June

Valorisation chimique et biologique d'Ephedra alata : une source durable de molécules bioactives pour les défis thérapeutiques futurs

» [Ms. Zineb Chetouh](#)

Exciton Pumping: a Novel Pathway for Solid-State High-Harmonic Generation

» [Mr. Ruben Narwa](#), Dr. Antonio Picón

Molecular Docking and DFT calculation of Metronidazole-Cobalt complex

» [Mrs. HENNIA SLAOUTI](#)

Aldol condensation of furfural and acetone catalyzed by a new catalyst Mg-Al-NH₂-hydrotalcite-like

» [Mr. SAID ARHZAF](#), Mr. MOHAMMED NACIRI BENNANI, Mr. JAMAL HOUSSAINI

3:40pm

Organic chemistry

Main Auditorium

Chaired by: Mr. Jérémy Merad

3:40pm

Harnessing electrochemistry for radical difunctionalization of unsaturated C-C bonds

» [Mrs. Aurélie Claraz](#)

4:10pm

Isotopic Labeling of Oxygen via in situ generation of [¹⁸O]mCPBA

» [Mr. Gabriel Coulombe](#), Dr. Philippe Hermange

4:25pm

POLYMER-SUPPORTED CHIRAL THIOUREAS AS RECYCLABLE CATALYSTS FOR ASYMMETRIC CATALYSIS

» [Ms. Ainara Pellicer](#), Prof. Xabier Del Corte, Prof. Patrick Y. Toullec, Dr. Aitor Maestro, Prof. Javier Vicario

4:40pm

Electrochemical activation of alkylboronate

» Ms. Laura Chevet, Dr. Laetitia Chausset-Boissarie, [Prof. Muriel Durandetti](#)

4:55pm

Coacervate droplets as soft microenvironments for organocatalysis in water

» [Dr. Nicolas Martin](#), Dr. Kévin Peyraud-Vicré, Ms. Charline Dechamps, Dr. Valerie Desvergnés

5:10pm

Non-usual cyclopropane reorganisation under superacidic-activation

» [Mr. Baptiste Vergeon](#), Dr. Bastien Michelet, Prof. Sébastien Thibaudeau, Dr. Renata Marcia de Figueiredo, Prof. Jean-Marc Campagne

5:25pm

The difficult quest for efficient, prebiotically plausible chemical activating agents for amino acids and peptide elongation

» [Dr. Jean Christophe Rossi](#), Dr. Robert Pascal, Dr. Laurent Boiteau, Dr. Ghinwa Ajram, Dr. Alexandre Desfoux, Prof. Grégoire Danger, Dr. Fabrice Duvernay, Dr. Ninette Abou Mrad, Dr. Gauthier Rydzek

3:40pm

Sustainable chemistry

Auditorium A

Chaired by: Dr. Joel BARRAULT and Véronique Dufaud

3:40pm

Catalysis in biomass conversion: between promise and feasibility

» [Dr. Francois JEROME](#)

4:10pm

From Pine to Perfume and Industrial Ingredients: Softwood Extracts as Renewable Feedstocks for Sustainable Chemistry

» [Dr. Anais Jolit](#)

4:25pm

Mobile pelleting pretreatment as an in-situ mechano-thermal activation method improving polyphenols extraction from plant biomass

» [Ms. Eléa Collange](#), Dr. Grégory CHATEL, Dr. Aghiles Karim AISSAT, Prof. Micheline DRAYE, Mr. Thibaud Marchais



Continued from Monday, 22 June

- 4:40pm **Renewable resources for fine chemistry**
» Dr. YVES QUENEAU
- 4:55pm **Development of kairomones and bio-sourced repellents to combat mosquitoes and infectious diseases**
» Mr. Jules God--Carles, Dr. ESTELLE METAY, Dr. Nicolas Duguet, Prof. Florence Popowycz, Dr. Maiwenn Jacolot, Prof. Marc Lemaire
- 5:10pm **Towards sustainable biosourced solvents: can bisfuran alkylation/hydrogenation reconcile performance and environmental friendliness?**
» Ms. Gabrielle Terrochaire, Dr. Francois JEROME, Dr. Karine De Oliveira Vigier
- 5:25pm **NADES based on levulinic acid: Physicochemical properties and applications vs in silico approach**
» Ms. Hind Dib, Prof. Véronique Nardello-Rataj, Dr. Nicolas Rolland
- 3:40pm **Coordination chemistry / Catalysis**
Auditorium B
Chaired by: Dr. Karine De Oliveira Vigier and Dr. Clément CAMP
- 3:40pm **Molecular designs for "abundant" catalysis: metals and light**
» Prof. Marine DESAGE-EL MURR
- 4:10pm **Photoactivation of iron catalysts applied to borrowing hydrogen reaction**
» Dr. amélie kochem
- 4:25pm **2-Pyridylidene ligands: From ligand properties determination to gold catalysis.**
» Mr. Jordan Courtois, Dr. Lucie Jarrige

- 4:40pm **Exploiting powerful photo-generated species from homoleptic copper(I) complexes via a reductive quenching mechanism: mechanistic study and scope**
» Mr. Nicolas Oppé, Dr. Océane Baffroy, Dr. Vincent Maurel, Dr. Frédéric Robert, Dr. Clémence Queffélec, Dr. Errol Blart, Dr. Yann Pellegrin
- 4:55pm **Intermolecular bimetallic cooperation for highly efficient amine-borane dehydrogenation catalysis**
» Dr. Dmitry VALYAEV, Dr. Ekaterina Gulyaeva, Dr. Elena Osipova, Mr. Sergey Kovalenko, Dr. Laure Vendier, Dr. Oleg Filippov, Dr. Yves Canac, Prof. Natalia Belkova, Prof. Elena Shubina
- 5:10pm **Sulfoxide-functionalized N-Heterocyclic carbene futhenium(II) complexes: synthesis, coordination modes, and catalytic activity—an experimental and computational study**
» Dr. Thierry ACHARD, Dr. Stéphane BELLEMIN-LAPONNAZ, Dr. Aline MAISSE-FRANCOIS, Dr. Victoria MECHROUK, Dr. Amalia POBLADOR BAHAMONDE, Dr. Baptiste LEFORESTIER
- 5:25pm **Additive-free Alkene Hydrogenation Catalyzed by a Diphosine-supported Pentahydrido-Molybdenum Complex**
» Dr. Arno Estival, Dr. Michel Sigrist, Dr. Nicolas QUEYRIAUX, Dr. Jorge Juan Cabrera Trujillo, Dr. Nina Durvin, Dr. Boegli Marie-Christine, Dr. Laure Vendier, Dr. Karinne Miqueu, Dr. Antoine Simonneau
- 3:40pm **Solid state chemistry**
Auditorium D
Chaired by: Dr. Romain Berthelot
- 3:40pm **Stimuli-responsive copper-based luminescent hybrid materials**
» Dr. Sandrine PERRUCHAS
- 4:10pm **Analysis of chemical transformation of insoluble organic matter analogs after different extraction methods treatment**
» Dr. Anastasiia Shvetsova, Ms. Maria Fariñas, Dr. Olivier Bollengier, Prof. Christophe Sotin



Continued from **Monday, 22 June**

- 4:25pm **Cyan, Magenta, Yellow pigments for electrophoretic inks**
» Dr. PENIN Nicolas, Prof. Cyril Brochon, Dr. Alain Demourgues, Dr. Elodie Bourgeat-Lami, [Prof. Manuel Gaudon](#)
- 4:40pm **Understanding microstructural evolution in rare earth vanadate nanoparticles upon protected thermal annealing**
» [Dr. Ritika Wadhwa](#), Dr. Rafael Perrella, Dr. Kassioyé Dembélé, Prof. Thierry Gacoin
- 4:55pm **Novel Advanced Oxide-Based Electrochromic Materials and Devices**
» [Dr. Anthony Maho](#)
- 5:10pm **Bright Luminescent Supraparticles from Lanthanide-Doped Nanocrystals Embedded in Silica**
» [Ms. Louise LABEYRIE](#), Dr. Kevin Zimny, Ms. Pascale Nasr, Dr. Eric Charron, Dr. Alban Ferrier, Dr. Sébastien Bidault, Dr. Mathieu Mivelle, Dr. Alexandre Baron, Dr. Stéphane Mornet, Prof. Mona TREGUER-DELAPIERRE
- 5:25pm **Magnetic Molecularly Imprinted Polymer in Nanomedicine**
» [Dr. Nebewia GRIFFETE](#), Dr. Michele Sabbah
- 3:40pm **Polymers and materials**
Auditorium E
Chaired by: Mr. Fouzia Boulmedais
- 3:40pm **Designing Functional Polymer Thin Films by Plasma (Co)polymerization**
» [Ms. Florence Bally-Le Gall](#)
- 4:10pm **Mechanically responsive luminescent nanocomposites**
» [Ms. Clémence VEITH](#), Prof. Yann Molard, Dr. Maria Amela-Cortes, Dr. Mathieu Achard

- 4:25pm **Smart polymersomes produced in flow**
» Ms. Irene Andrea Acuña Mejia, Prof. Christophe Serra, [Dr. Madeline Vauthier](#)
- 4:40pm **DPPC monolayers: Dynamics of solid domains and interactions with microparticles.**
» [Mr. Benjamin Oliva](#), Prof. Laura Alvarez, Dr. Jean-Paul Chapel, Dr. Lionel Buisson, Ms. Hyunyou Kim, Prof. Ivo Buttinoni
- 4:55pm **Optimization of fluorescent polymer nanoparticles architecture and composition for efficient brightness and FRET-based biosensing**
» [Dr. Daled EL MARROUKI](#), Mrs. Clara Catros, Dr. Chloé Grazon
- 5:10pm **Use of planar chiral [2.2]paracyclophane for the synthesis of stereoregular [Pt(II)]-oligomers, novel donors for solar cell applications**
» [Mr. Arthur LE COZ](#), Prof. Pierre D. Harvey, Prof. Ganesh D. Sharma, Dr. Cyprien Lemouchi, Dr. Stéphane Perrio
- 3:40pm **Chemical Biology**
Auditorium F
Chaired by: Dr. Emmanuelle Thinon
- 3:40pm **Chemical biology tools to decipher metal-protein interactions: a focus on f-elements**
» [Dr. Sarah Hostachy](#)
- 4:10pm **Fluorescent molecular rotors as microviscosity probes for complex fluids mapping**
» [Ms. Laurie Rolhion](#), Ms. Kaoutar Benjelloun, Ms. Marie Balcerzak, Dr. Chloé Grazon, Dr. Pierre Lidon, Dr. Yaocihuatl Medina-Gonzalez, Dr. Anh Thy Bui
- 4:25pm **Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®**
» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore



Continued from **Monday, 22 June**

- 4:40pm **Novel Fluorogenic Strategies for Real-Time Live-Cell Interactome Mapping using Visible Light.**
» [Dr. Renaud ZELLI](#), Dr. Meven JOBIC, Dr. Andre ZAPUN, Dr. Yung-Sing WONG
- 4:55pm **Targeted Pancreatic Cancer Therapy using Near-Infrared Porphyrin Photosensitizers**
» [Dr. Emmanuel Valzer](#), Prof. Valérie Heitz
- 5:10pm **Structure-based design of covalent ligands targeting histidine residues at the protein-protein interaction sites**
» [Mr. Guillaume Compain](#), Mr. Clément Monsarrat, Mr. Chenxiao Qi, Mr. Philippe Dumas, Mr. Dominique BURNOUF, Mr. Jérôme WAGNER, Mr. Gilles GUICHARD
- 5:25pm **A nitroreductase-sensitive self-immolative platform as shuttle for specific delivery of uncharged amine- based molecules within mitochondria**
» [Dr. Laurane Michel](#), Mr. Vincent Steinmetz, Dr. Sophia Godel-Pastre, Dr. Philippe Durand, Dr. Arnaud Chevalier
- 3:40pm **Réseau Jeunes SCF**
Auditorium G
Chaired by: Dr. Lorenzo Casimiro and Dr. Constance Lecourt
- 3:40pm **p-Block Modifiers at the Interface of Homogeneous and Heterogeneous Catalysis**
» [Prof. Schirin Hanf](#), Dr. Franziska Flecken, Dr. Arjun Neyyathala, Mr. Fabian Rang
- 4:10pm **New Access to Urethanes, Ureas and Polyurethanes Through Radical Processes**
» [Mr. Jiatai Zhang](#), Prof. Yannick Landais, Dr. Frédéric Robert

- 4:25pm **Synthesis and optoelectronic investigations of promising intermolecular anionic mixed-valence BACD and azaBPDI based compounds**
» [Ms. Fanny GUICHETEAU](#), Mr. Lucas J. R. LORIOT, Ms. Clara Pasgrimaud, Dr. Olivier ALEVEQUE, Dr. Arthur H. G. DAVID, Dr. Laura LE BRAS, Dr. Eric Levillain, Dr. Antoine Goujon
- 4:40pm **Réseau Jeunes SCF - Round table**
Auditorium G
Chaired by: Dr. Lorenzo Casimiro and Dr. Constance Lecourt
- 4:40pm **Le RJ, un réseau au service des jeunes chimistes. Quelles attentes pour l'avenir ?**
» [Dr. Pierre Hirchenhahn](#), Mrs. Roselyne Jeanne-Brou
- 5:40pm **Binational awards**
Main Auditorium
Chaired by: Prof. Yannick Landais
- 5:40pm **Fluorochemicals: the future we want**
» [Mrs. Véronique Gouverneur](#)
- 6:20pm **Awards ceremony**
Main Auditorium
- 7:10pm **Welcome reception**
Lunch Area

Tuesday, 23 June

- 7:30am **Registration**
Welcome Desk



Continued from **Tuesday, 23 June**

8:20am	Grand awards <i>Main Auditorium</i> Chaired by: Dr. Dario Bassani
8:20am	Martin Spirosilanes: Aging Compounds Enabling Modern Synthetic Applications » Prof. Louis Fensterbank
8:40am	Binational awards <i>Main Auditorium</i> Chaired by: Dr. Dario Bassani
8:40am	The Artificial Leaf and Bionic Leaf: Surpassing the C- and N-Fixation Processes of Nature » Mr. Daniel Nocera
9:20am	Equality group conference <i>Main Auditorium</i> Chaired by: Dr. Nebewia GRIFFETE
9:20am	Beyond the myth of neutral research in chemistry for strong objectivity and reliability » Ms. Elsje Alessandra Quadrelli
10am	Poster Session & Coffee Break <i>Coffee Break & Posters</i>
	Representing Conjugate Biomolecules in Medicinal Chemistry and Chemical Biology » Mx. Antima Gupta, Mx. Alex M Clark, Mx. Peter Gedeck, Mr. Mark Harding , Mr. Nicola Vettore, Mx. Ljubica Milović, Mx. Roman Rodionov, Mx. Valentin Anoprenko, Mx. Ralphie Fiorenza, Mx. Robert Kotak-Thorn, Mx. Krishna Dole, Mx. Kellan Gregory, Mx. Barry Bunin

Harnessing Allylic Shift of Hexafluoroisobutylene to Access Enantiopure Polyfluorooleucine Derivatives as Versatile Building Blocks

» Mr. Sandeep Mummadi, Ms. Aline Delamare, Mr. Guillaume Naulet, Mr. Brice Kauffmann, Mr. Gilles GUICHARD, [Mr. Guillaume Compain](#)

Synthesis and evaluation of novel probes based on borinate ester trigger for the detection of hydrogen peroxide

» [Ms. Elsa RAMASSAMY](#), Dr. Hugo Bloux, Dr. Arnaud Chevalier, Dr. Philippe Durand, Dr. Boris Vauzeilles, Dr. Mathieu Pucheault, Dr. Laurent Chabaud, Dr. Stéphanie Norsikian

Design and microwave-assisted solid-phase peptide synthesis of novel AIP analogues as anti-biofilm agents for cystic fibrosis-related S. aureus infections

» [Mr. Rathies Ravindra](#), Mr. Aurélien BEATO, Ms. Hedia MARRAKCHI, Ms. Fatima EL GARAH

SYNTHIA : an Automated & Light-Assisted High-Throughput Experimentation Platform

» [Ms. Laura Marchand](#), Mr. Brice Didelot, Mr. Nicolas Blanchard

Targeting MCT1-4 to Overcome Temozolomide Resistance in Glioblastoma

» [Ms. Manel Larafa](#), Ms. Alicia Delavier, Ms. Murielle Berlande, Ms. Eva Epinette, Mr. Thomas Daubon, Ms. Valérie Ravaine, Dr. Magali Szlosek

Characterization of volatile organic compounds from 49 white and aged agricultural rums from Guadeloupe and Martinique.

» [Mrs. Sandrine LESUPERBE - SAVERIMOUTOU](#), Mr. Damien STEYER, Mrs. Guylène AURORE, Mrs. Génica LAWRENCE

Last-stage functionalization of alloxazines and their applications in photocatalysis

» [Mr. Amael Grégoire](#), Prof. Marine DESAGE-EL MURR

Silver(I)-NHC Complexes as Dual-Action Agents Against Pathogenic Acanthamoeba Trophozoites: Anti-Amoebic and Anti-Adhesion Activities

» [Dr. hkiri shaima](#), Dr. David Sémeril, Prof. Elvan Üstün, Prof. Zübeyda Zübeyda



Continued from **Tuesday, 23 June**

Design and Self-Assembly of Nucleolipid-based drug-conjugate gelators

» [Ms. Charlotte Letailleur Lamonica](#), Ms. Léa Mulot, Dr. Arthur Kluffs-Edel, Dr. Arnaud Gissot, Dr. Valerie Desvergnès

Statistical Field Theory To Study Supercritical CO2 Under Confinement

» [Ms. Odette Tannous](#), Dr. Antoine Carof

Dimerization of Oxidized Phenols : Investigation of an Alternative Pathway towards Quassinoids Skeleton

» [Mr. Noé Klopocki](#), Prof. Patrick Y. Toullec, Dr. Philippe A. Peixoto

Minimal Core, Maximum Emission: Modular Amination of Single-Benzene Fluorophores

» [Dr. Enzo Nobile](#), Mr. Nikita Salov, Dr. Marie-Pierre Heck, Dr. Grégory Pieters

Towards the electrochemical molecular activation of dinitrogen with phthalocyanines

» [Mr. Kenberson Surin](#), Prof. Marc ROBERT, Dr. Dependu Dolui

A non-innocent, pi-extended N-Heterobicyclic Carbene-thiolate ligand

» [Dr. Vincent CESAR](#), Mr. Michael Marquardt, Mr. Korentin Lartigue, Mr. Richeek Debnath, Dr. Vincent Maurel, Dr. Jean-Marie Mouesca, Prof. Ivan Castillo, Dr. Stéphanie Bastin

Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications

» [Mr. Mattéo Prud'homme](#), Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier

Influence du rapport oleylamine / acide oléique sur la taille et la morphologie des nanoparticules d'oxyde de fer synthétisées par voie micro-ondes

» [Mrs. Cyrielle Hoffmann](#), Dr. Emmanuel Lamouroux, Dr. Solenne Fleutot

Mo2O5S2-thiosemicarbazone coordination complexes: from synthesis to properties.

» Dr. Diana Cebotari, Dr. Sergiu Calancea, Mr. Jules God--Carles, [Ms. Naomi Boyer](#), Ms. Tessa Calta, Dr. Maxime Laurans, Dr. Mohamed Haouas, Dr. Jerome Marrot, Dr. Vincent Guerineau, Prof. Olivier David, Prof. Aurelian Gulea, Prof. Sebastien Floquet

Redefining access to Cyclic (Alkyl)(Amino) Carbenes: A versatile and tunable platform

» [Ms. Samantha Kennedy](#), Dr. Marc Mauduit, Dr. Rodolphe Jazzar

Towards the controlled synthesis of polyfluoroacetylene

» [Dr. Sara Bonfante](#), Prof. Jason Lynam, Dr. John Slattery

Chemical synthesis of molecular probes bearing polyphenolic stilbenoids for the study of their bacterial protein interactions

» [Ms. Margot Zambon](#), Prof. Sébastien Vilain, Prof. Denis Deffieux, Prof. Stéphane Quideau

Methodological development of a [2+2] cyclodimerization of ortho-quinonoids: Towards the total synthesis of sclerocitrin

» [Mr. Baptiste GEFPE](#), Mr. Kevin Balaire, Prof. Laurent Pouységou, Prof. Stéphane Quideau

Towards the Total Synthesis of Geraniin

» [Ms. Aurora Bossoni](#), Dr. Romain Larrieu, Ms. Anaëlle Cornu, Mr. Nathan Billard, Prof. Laurent Pouységou, Prof. Denis Deffieux, Prof. Stéphane Quideau

Stilbene Profiles Across Grape Cane Fractions and Savoie Cultivars: Links to Antioxidant Activity

» [Dr. Aghiles Karim AISSAT](#), Dr. Audrey DAMIENS, Ms. Eléa Collange, Prof. Micheline DRAYE, Dr. Grégory CHATEL



Continued from Tuesday, 23 June

Iron Tetraphenylporphyrin complex for CO₂ electrochemical reduction and C-C bond formation

» [Mr. Ulysse Garnier Viarouge](#), Prof. Marc ROBERT, Prof. Monica Calatayud

Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties

» [Ms. Solène Foisneau](#), Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard

Polydopamine particles-stabilized Pickering Emulsions for catalytic applications

» [Dr. Jean-François DECHEZELLES](#)

Synthesis of ortho-Quinol-based [4+2]-Cyclodimers via Chiral Iodol-type λ^5 -Iodanes-mediated Hydroxylative Phenol Dearomatization

» [Ms. zhaozhao sun](#), Ms. Anaëlle Cornu, Prof. Laurent Pouységou, Prof. Stéphane Quideau

Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars

» [Dr. Lisa Bonin](#), Prof. Samir Messaoudi

"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise

» [Mrs. Cécile Chamignon](#)

From Cluster Halides to Catalysts: Nanostructured Molybdenum Carbides for Efficient Hydrogen Evolution Reaction

» [Dr. Stephane Cordier](#), Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Ms. Noée Dumait, Ms. Ludivine Rault, Dr. Corinne Lagrost, Dr. Fabien Grasset, Dr. Franck Tessier

Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination

» Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi

A participative approach to reduce the environmental impact of research activities at the Chemical Sciences institute of Rennes

» Dr. Louise-Anne Cariou, Dr. Nicolas Cimetière, Prof. Karine Costuas, Dr. Fabienne Gauffre, [Dr. Guillaume Gouget](#), Mr. Edwin Perrot

Exploring syntheses in inorganic molten salts for the ligation of p-block elements to metal clusters

» [Ms. Faouzati Abdallah](#), Ms. Noée Dumait, Dr. Stéphane Cordier, Dr. Guillaume Gouget

Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study

» [Mr. Chéfikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery

Peptide coacervates as minimal compartments for prebiotic chemistry

» [Ms. Marie QUINCEROT](#), Ms. Ankita SAHU, Dr. Samantha CHAISE, Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin

Cu/Pd Dual-Catalyzed Stereoselective Construction of Homoallylic Nitriles Featuring Vicinal Stereocenters and Their Post-Functionalization

» [Mr. Quentin Chevrier](#), Dr. Lilian Mimoun, Dr. Hamdi Sanaa, Dr. Cyril Nicolas, Prof. Isabelle GILLAIZEAU

Study of kinetics of hydration of new photoluminescent alkali lanthanide-free [SbW₆O₂₄]⁷⁻ used for water detection.

» Prof. CARTIGNY Johann, [Ms. Sinali Linara Kasige Silva](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez



Continued from **Tuesday, 23 June**

New glycosyl conjugates to address biological targets: an approach leading to the downregulation of KRAS proteins.

» Mr. Julien Verget, Dr. Faith Kivunga, Dr. Virginie Baylot, Dr. Jean Dessolin, Dr. Haythem Abda, Dr. Biju Majumbar, Ms. Léa Mulot, Dr. Henri Barry, Ms. Patricia Korzak, Ms. Brune Vialet, Prof. Philippe Barthelemy

Study of the solid-state landscape of the (an)hydrated forms of K7[SbW6O24], a new type of turn-off luminescence humidity sensors.

» Prof. CARTIGNY Johann, Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New Alkali Lanthanide-free Polyoxometalate Salts with Highly Tunable Water-responsive Photoluminescence Properties

» Mr. Léo Papin, Dr. Aurély Bagghi, Prof. Olivier Hernandez, Prof. CARTIGNY Johann, Prof. Rémi Dessapt

A Unified Approach to Aspidosperma and Eburnane Scaffolds towards Bis-indole Alkaloids

» Dr. Emmanuel Valzer, Dr. Nicolas Girard

Synthesis of pyrrolidines as enzyme modulators targeting glucocerebrosidase: Application to Gaucher disease

» Ms. Chedia Yaakoubi, Dr. Cecile Dehoux, Prof. Mohamed Lotfi Efrif, Dr. Aïcha ARFAOUI, Dr. Yves Génisson

Lithium effect on lipid bilayer : The quest to understand lithium therapeutic mechanism in Bipolar Disease

» Dr. Louis Bunej, Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman, Dr. Vladimir Adrien

Mono-, bis- and tri-benzimidazolium halobismuthates: hybrid organic-inorganic systems

» Prof. Sara Cortés-Llamas, Ms. Loélia Perrault, Dr. Salem Ba Sowid, Prof. François Ribot, Prof. Dimitri Mercier, Prof. Louis Fensterbank

Synboli: Accelerating the development of high performance polymer materials through AI

» Dr. Marion Boyet, Dr. Maksym Odnoroh, Mrs. Cassandre Motte, Mrs. Laura Misrachi, Mr. Vincent Simonet, Dr. Mathieu Pucheault

From Fluoroform (HFC-23) to Difluoromethylated Heterocycles via Trifluorovinylamine as a C2 reagent

» Dr. Tan Sang TRUONG, Dr. Jonathan Decaens, Prof. Thomas Poisson, Prof. Philippe Jubault

Deep learning-assisted first-principles molecular simulations of divalent cation battery electrolytes

» Mr. Aurélien Zavadil, Prof. Rodolphe Vuilleumier

Design and Self-Assembly of Non-Viral Nanovectors for Nucleic Acid Delivery in pediatric cancer

» Mrs. Pauline Trousselier, Dr. Morgan Wloch, Mrs. Elora Bonzon-Dubos, Mr. Pierre Klein, Dr. Christophe Grosset, Dr. Valerie Desvergnès

Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging

» Mr. Luka Perrin, Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt

New manganese half-sandwich platforms for N2 activation

» Mr. Quentin Lepeintre, Dr. Laure Vendier, Prof. Marcus Drover, Dr. Antoine Simonneau

Bioinspired functional models of copper-containing Lytic Polysaccharide Monoxygenase

» Dr. Subhankar Sutradhar, Dr. Rébecca Leblay, Mr. Niccolò Nova, Dr. Bruno Faure, Dr. Jalila Simaan

COSMO-RS Prediction of Hydrocarbons EACNs Calibrated on the n-Alkanes Reference Scale

» Prof. Jean-Marie AUBRY, Dr. Théophile Gaudin, Prof. Andreas Klamt



Continued from **Tuesday, 23 June**

Sustainable protein recovery from almond press cake via natural deep eutectic solvents

» [Dr. Alexandra Gaspar-Pintilieșcu](#), Dr. Elena Mihai, Ms. Viorica Coroiu, Dr. Angela Port, Prof. Maria Duca, Dr. Oana Craciunescu

Development of PLA beads with electromagnetic properties for biological applications

» [Ms. Liana Delevingne](#), Dr. Frédéric Delbecq, Dr. Houcine Mhemdi

Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones

» [Mrs. Sarah Altakach](#), Dr. Till Bousquet, Prof. Lydie Pélinksi

“Brønsted Acid-Catalyzed Hydroamination of Benzyliidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)”

» [Mrs. Claire LAURENT](#), Dr. David LEBOEUF

In situ fluorescent tracking of ROPISA processes using NCA-based probes

» [Ms. Emma Lalanne](#), Dr. Dalel EL MARROUKI, Mr. Amin El Jarroudi Hammou, Dr. Anh Thy Bui, Dr. Chloé Grazon

Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes

» [Dr. Nicolas Joly](#), Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson

Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Jérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson

New polyfunctional ligands for oxide surfaces. Application to the protection of light alloys.

» [Ms. Loélia Perrault](#), Ms. Mathilde Michaux, Ms. Christina Skoumas, Prof. Dimitri Mercier, Prof. François Ribot, Prof. Louis Fensterbank

Copper(I) Hybrid Materials: Insight into their Luminescence Stimuli-Responsive Properties

» [Ms. Giorgia Castellan](#), Prof. Olivier Hernandez, Dr. Jean-Yves Mevellec, Prof. Camille Latouche, Dr. Sandrine PERRUCHAS

Fine-Tuned Force Fields for Chromophores in Organic and Deep Eutectic Solvents

» [Ms. Dana Dastan](#), Dr. Abderrahmane Semmeq, Dr. Giacomo Prampolini, Prof. Francesca Ingrosso

Unlocking new C–OCF₃ bond transformations

» [Dr. Arushi Garg](#), Mr. Zhenbang Chang, Mr. Mengyu Xu, Dr. Tatiana Besset

Upcycling tire waste into epoxy-phosphonate vitrimers via olefin cross-metathesis

» [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Prof. Isabelle Dez

Comparative study of Ni catalysts supported by silica and modified by metal addition Co for the steam reforming of methane

» [Mr. Ali ZAZI](#), Mrs. Ouiza Cherifi

Enhancing FRET Efficiency with Fluorescent Nanoparticles

» [Mr. Elvin Le Tallec](#), Dr. Chloé Grazon, Dr. Dalel EL MARROUKI, Mrs. Clara Catros, Mr. Vincent Mariani

Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase

» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance

Development of fluorescent boron derivatives

» [Dr. Emeric Montinho Inacio](#), Mr. Gabin Lalande, Dr. Laurent Chabaud, Dr. Mathieu Pucheault



Continued from **Tuesday, 23 June**

Synthesis of multifunctional hetero-poly-metallic complexes: Optical probes for magnetic characterization

» [Ms. Hong Nhung NGUYEN](#), Dr. Constance Lecourt, Ms. Lamia Aboulharjan, Mr. Mohamad Elhasan Salman, Dr. Olivier Maury, Mr. Jérémy Forté, Dr. Sébastien Pillet, Mr. Artem Mikhailov, Mr. El-Eulmi Bendeif, Dr. Valérie Marvaud

Photocatalyzed Electrochemiluminescence Imaging of Patterned TiO₂ for Local Reactivity Mapping

» [Ms. Anaga Vinod](#), Dr. Bertrand Goudeau, Mr. Thomas Cottineau, Ms. Maryem Rahmani, Prof. Neso Sojic, Dr. Gabriel Loget

Multicomponent reactions on the biobased 5-HMF platform: access to new nitrogen containing heterocyclic compounds

» [Dr. YVES QUENEAU](#), Dr. Jingjing Jiang, Dr. Weigang Fan, Prof. Florence Popowycz

Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®

» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore

Designing MOF Electrodes for Urea Oxidation

» [Mr. Phirom Boun](#), Dr. Supattra Somsri, Dr. Jeon Rang, Dr. Gabriel Loget

Radio-iodination of aryl-boronated species

» [Dr. Ulises Carrillo](#), Prof. Thomas Cailly, Mr. Lucas Verget

Upcycling of end-of-life tire rubber into vitrimers through transesterification

» [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez

Plasmon-Activated Molecular Catalysis Applied to Orthogonal Relay Catalysis

» [Mr. Maxime Cousseau](#), Dr. Clémence Queffélec, Dr. Mireia Rodriguez-Zubiri

Upcycling Cheese Whey into Plant-Based Kefir: A Hybrid Approach for Sustainable Functional Beverages

» [Ms. Sinem KELES](#)

Lytic Polysaccharides MonoOxygenases, copper enzymes for the valorization of recalcitrant polysaccharides

» [Mr. Axel Delétoile](#), Mr. Niccolò Nova, Ms. Iris Wehrung, Dr. Maylis Orio, Dr. Alexandre Ciaccavava, Dr. Jalila Simaan

Unlocking new N-Heterocycles through hydrocyanation of ynamides

» [Ms. wenwen yang](#), Mr. Dorian SCHUTZ

A chemical reactor for peptide formation, elongation and accumulation on the Primitive Earth, and its implication for the emergence of homochirality

» [Prof. Grégoire Danger](#), Ms. Salomé Lagasse, Dr. Laurent Boiteau, Dr. Robert Pascal

Exploring the pyrrolopyrimidine scaffold in drug discovery

» [Mrs. Lindita Lari](#), Dr. Sandra Albenque, Ms. Solène Savrimoutou, Dr. Stéphane Moreau, Prof. Jean Guillon, Prof. Vanessa Desplat

Redox-Active Self-Assembled Molecular Cages: From Supramolecular Masking to Rotaxane Wheels

» [Ms. MALIKA ALSHAB](#), Prof. Marc Sallé, Dr. Sébastien Goeb

New lithium ion alkoxysilane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries

» [Mr. Clement Coltin](#)

Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.

» [Mr. Dylan El Faude](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson



Continued from **Tuesday, 23 June**

Synthesis of an antimicrobial peptide active against *Streptococcus mutans*: integration of AI-assisted design

» [Dr. Enzo Eddebbbarh](#), Dr. Johan Samot, Prof. Akka Zemmari, Dr. Laurent Chabaud, Prof. Emilie Genin

Coupled Polymethine Dyes: Let's Have a Second Slice of π

» [Dr. Simon Pascal](#), Dr. Benjamin Mourot, Dr. Tatiana Munteanu, Dr. Carmelo Naim, Prof. Gabriel Canard, Dr. Olivier Siri, Prof. Denis Jacquemin

Electrocatalytic reduction of nitrite ions by mononuclear copper complexes

» Dr. Amira Mahmoud, Mr. Abdeljalal Outalha, Dr. Emmlyne Cuza, [Prof. Françoise Conan](#), Dr. Nicolas Le Poul

2-Pyridylidene ligands: From ligand properties determination to gold catalysis.

» [Mr. Jordan Courtois](#), Dr. Lucie Jarrige

Controlled Pt doping of silica-supported Ni nanoparticles through surface organometallic chemistry on metals: application as catalysts for selective hydrogenation reactions

» [Dr. Alejandra Zuluaga](#), Dr. Chloe Thieuleux, Dr. Clément CAMP, Dr. Laurent Vanoye, Dr. Régis Philippe, Dr. Romain Réocreux, Mr. Laurent Veyre

“CRISPR Reveals the Evolutionary Arms Race Between *Oenococcus* and Phages”

» [Dr. YASMA BARCHI](#)

Valorisation chimique et biologique d'*Ephedra alata* : une source durable de molécules bioactives pour les défis thérapeutiques futurs

» [Ms. Zineb Chetouh](#)

Exciton Pumping: a Novel Pathway for Solid-State High-Harmonic Generation

» [Mr. Ruben Narwa](#), Dr. Antonio Picón

Molecular Docking and DFT calculation of Metronidazole-Cobalt complex

» [Mrs. HENNIA SLAOUTI](#)

Aldol condensation of furfural and acetone catalyzed by a new catalyst Mg-Al-NH₂-hydrotalcite-like

» [Mr. SAID ARHZAF](#), Mr. MOHAMMED NACIRI BENNANI, Mr. JAMAL HOUSSAINI

10:20am **Organic chemistry**

Main Auditorium

Chaired by: Mr. Aurélien DE LA TORRE

10:20am **Photogenerated Cationic Radical Organocatalysts : Applications in Covalent Radical Catalysis**

» [Mr. Jérémy Merad](#)

10:50am **Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones**

» [Mrs. Sarah Altakach](#), Dr. Till Bousquet, Prof. Lydie Pélinksi

11:05am **Bis(catecholato)silicates as photocatalytic platforms for non-canonical amino acid synthesis**

» [Dr. Rafaela Bechara](#), Dr. Jade Dussart-Gautheret, Dr. Medhi Abdellaoui, Mr. Armel Picard-Bernes, Ms. Defne Serbetci, Mr. Emilien Beudy, Dr. Amal Lakhal, Dr. Gilles Lemièrre, Dr. Cyril Ollivier, Prof. Louis Fensterbank

11:20am **Photoinduced aryl radicals generation using NHC-boranes**

» [Mr. Gabin Lalande](#), Dr. Sandra Pinet, Dr. Frédéric Robert, Dr. Laurent Chabaud, Dr. Mathieu Pucheault

11:35am **Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes**

» [Dr. Nicolas Joly](#), Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson



Continued from Tuesday, 23 June

- 11:50am **Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination**
 » Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi
- 12:05pm **Synthesis of Novel 3-Aryl-4-N-aryl-coumarins and Azacoumestan Derivatives: Exploring Photoredox Catalysis and PIFA-Mediated C-N Bond Formation for Antitumor Drug Discovery**
 » [Prof. Camilla Buarque](#), Mrs. Rachel Novas, Mr. Leonardo Carneiro, Dr. José de Brito Neto, Prof. Claudia Pessoa
- 10:20am **Catalysis / Sustainable chemistry**
Auditorium A
 Chaired by: Dr. Etienne GIRARD and Prof. Stefan CHASSAING
- 10:20am **Development of nitrides and carbides for hydrogenation reactions in liquid phase**
 » [Ms. Noémie Perret](#)
- 10:50am **Examples of biomass valorisation using ionically supported polyoxometalates as catalysts**
 » Dr. Ali Alhadi Haidar, Dr. Israel Tonatuh Pulido Diaz, Dr. Pascal GUILLO, Prof. Itzel Guerrero Rios, [Prof. Dominique AGUSTIN](#)
- 11:05am **Photocatalytic and photoelectrochemical measurements of dissymmetric heterostructures for the production of green hydrogen**
 » [Ms. Maryem Rahmani](#), Mr. Thomas Cottineau, Ms. Justine Quinet, Ms. Eugénie Pariente, Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville
- 11:20am **Natural and modified clays as selective catalysts for isopropanol dehydration to propylene**
 » [Mr. Tien Hoang Nguyen](#), Dr. Georgeta Postole, Dr. Jean-Luc Dubois, Dr. Aline Auroux

- 11:35am **Polystyrene valorisation based on aerobic photocatalytic cleavage induced by heterogeneous proton sources**
 » [Prof. Franck LAUNAY](#), Mr. Lang CHEN
- 11:50am **Electrochemical Membrane-Introduction Mass Spectrometry (EC-MIMS) to unravel biomass-issued compounds**
 » Mr. Clément Spadetto, Mr. Batiste Millet, Dr. Mathieu Prévôt, Dr. Philippe Vernoux, [Dr. Essyllt Louarn](#)
- 12:05pm **Low-tech processes for solar metallurgy**
 » [Dr. Marie-Hélène Pietraru](#), Dr. Marion Luu, Dr. Jorrit P. Smit, Dr. Sébastien Lachaize, Prof. Julian Carrey
- 10:20am **Solid state chemistry**
Auditorium B
 Chaired by: Dr. Stéphane JOBIC
- 10:20am **Mixing anions towards novel sustainable energy materials**
 » [Prof. Cédric Tassel](#)
- 10:50am **Deep Eutectic Solvents for the preparation of porous materials**
 » Dr. Michaël Teixeira, Dr. Renata Maia, Ms. Pauline André, Dr. Benoît Louis, [Dr. Stéphane Baudron](#)
- 11:05am **Multi-anionic intercalation chemistry of n=2 Ruddlesden-Popper phases**
 » [Dr. Romain Wernert](#), Prof. Michael Hayward
- 11:20am **Topochemical silanization of the Aurivillius phase [Bi2O2][SrTa2O7] and post-synthesis complexation with metal ions**
 » [Dr. Pierre Rabu](#), Dr. Pacôme Chapel, Mr. Cedric Leuvrey, Dr. Fabrice LÉROUX, Dr. Nathalie Parizel, Dr. Guillaume Rogez
- 11:35am **In situ growth of active nanosized high-entropy alloy in a micro-/macroporous polymer-derived ceramic support**
 » [Dr. Sri Satya Lokesh VENDRA](#), Dr. Marwan Ben Miled, Dr. Assil Bouzid, Dr. Olivier Masson, Prof. Aurélien Habrioux, Dr. Samuel Bernard



Continued from Tuesday, 23 June

11:50am **In-situ exfoliation of fluorinated graphite by *Geobacter sulfurreducens* bacteria**
 » [Dr. Sarra KNANI](#), Mr. Riad-Ahmed Boughezal, Mr. Baptiste Cibron, Dr. Frédéric Barrière, Dr. Corinne Lagrost, Ms. Muriel Escadeillas, Ms. Ludivine Rault, Dr. Maida Aysla Costa De Oliveira, Prof. Paula Colavita, Dr. James Behan

12:05pm **Tunable luminescence of Bi³⁺ in homologous series of hybridised Aurivillius layered perovskites**
 » [Mr. Ludovic Lépée](#), Ms. Claire Adamski, Dr. Pacôme Chapel, Dr. Anthony d'Aléo, Dr. Guillaume Rogez, Dr. Pierre Rabu

10:20am **Coordination chemistry**
Auditorium D
 Chaired by: Dr. Dmitry VALYAEV

10:20am **Re-purposing Metalloporphyrins**
 » [Dr. Rafael Gramage-Doria](#)

10:50am **Exchange Reactions at α -Metalated Ylides, a Modular Route to Anionic Heterocumulenes**
 » [Dr. Quentin Le Dé](#), Prof. Viktoria Gessner

11:05am **A hybrid, ambidentate, and redox-active NHC ligand with a dithiolene backbone**
 » [Dr. Vincent CESAR](#), Dr. Vladislava Timofeeva, Dr. Vincent Maurel, Dr. Olivier Baslé, Dr. Dmitry VALYAEV

11:20am **Selective C-P bond cleavage for accessing bulky divalent lanthanide metallocenes**
 » [Dr. Florian Jaroschik](#)

11:35am **Electron and proton transfers to and from (hybrid)polyoxotungstates**
 » Dr. Alix Desjonquères, Mr. Mattéo Vong, [Dr. Geoffroy Guillemot](#)

11:50am **Zirconium- and phosphine-assisted C-F bond activation and functionalisation**
 » [Dr. Sara Bonfante](#), Dr. Christian Lorber, Prof. Jason Lynam, Dr. Antoine Simonneau, Dr. John Slattery

12:05pm **Photoactive complexes for carbonylative processes**
 » [Dr. Loris Geminiani](#), Mr. Hossam Farouk, Prof. Montserrat Gomez, Dr. Daniel Pla

10:20am **Physical chemistry**
Auditorium E
 Chaired by: Dr. Antoine Carof

10:20am **The Role of Surface Chemistry in Molecular Binding and Response to Stimuli**
 » [Mrs. Galina Dubacheva](#)

10:50am **Mechanistic insights in the artificial photosynthesis of ammonia from water oxidation**
 » [Dr. Dario Bassani](#), Prof. Etienne Grau, Dr. Doha Zidouhia

11:05am **Raman spectra of silicic acids through classical polarisable molecular dynamics**
 » [Dr. Jessica Bowles](#), Mr. Fileto Rodriguez, Prof. Frederik Tielens

11:20am **Grafting a multipodal calix[4]arene molecules at gold nanomaterials to design a robust 4-anchoring point interface for electrocatalysis**
 » [Dr. Corinne Lagrost](#), Dr. Auguste Têtenoire, Dr. Anna Omelchuk, Dr. Quentin Lenne, Dr. Yann Leroux, Dr. Volodymyr Malyskiy, Prof. Ivan Jabin, Dr. Arnaud Fihey, Dr. Mikael Képénékian

11:35am **Modélisation des processus chimiques à la surface de nanoparticules métalliques soumises à un rayonnement ionisant**
 » [Dr. Carine Clavaguera](#)

10:20am **Chemobiology**
Auditorium F
 Chaired by: Mr. Guillaume Compain



Continued from **Tuesday, 23 June**

- 10:20am **Chemical Tools for Drug Discovery and Photoaffinity Labelling**
» [Mr. Cyrille Sabot](#)
- 10:50am **Exploiting the specific folding properties of peptoid oligomers to develop triazolium-grafted amphipathic architectures exhibiting antimicrobial properties**
» Dr. Cassandra Guerinot, Dr. Kathakali De, Mr. Nicolas Charbonnel, Mrs. Allison Faure, Prof. Claude Taillefumier, Dr. Olivier Roy, Prof. Frederic Laurent, Dr. Jerome Josse, Dr. Christopher Aisenbrey, Prof. Burkhard Bechinger, Prof. Christiane Forestier, [Dr. Sophie Faure](#)
- 11:05am **Self-Assembled Spherical Nucleic Acids: Self-Delivering Oligonucleotide Conjugates**
» [Dr. Quentin Laurent](#), Mr. Sinan Faiad, Dr. Jathavan Asohan, Prof. Hanadi Sleiman
- 11:20am **RNase S engineering using ligand-directed bioconjugation**
» [Mrs. Jiao Wang](#), Dr. Gilles Guichard, Dr. Morgane Pasco
- 11:35am **Synthesis of modified nucleotides and oligonucleotides for monitoring the fate of mRNA during in vivo and in vitro assays**
» [Mrs. Sophie BATTEDOU](#), Dr. Marcel Hollenstein
- 11:50am **Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging**
» [Mr. Luka Perrin](#), Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt
- 12:05pm **A "Plug & Play" synthetic approach to anticancer lipidic alkynylcarbinols**
» [Mr. Patrick SEIGNEUR](#), Mr. Bastien Dumais, Mrs. Nadège Preuilh, Mr. Antonio Peixoto, Dr. Vania Bernades-Genisson, Dr. Valérie Maraval, Dr. Stéphanie Ballereau, Dr. Sebastien Britton, Dr. Yves Génisson

12:20pm **Lunch**
Lunch Area

1:20pm **Organic chemistry / Chemobiology**

Main Auditorium

Chaired by: Dr. Marie Lopez

- 1:20pm **Allying chemistry and biology to tackle the epigenetics in human diseases**
» [Mx. Paola Arimondo](#)
- 1:50pm **Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.**
» [Mr. Dylan El Faude](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson
- 2:05pm **Oxidase and Peroxidase activities of organoselenium compounds**
» [Mr. Quentin Saros](#), Dr. Alexandre Karnat, Prof. Eric Fouquet, Prof. Christophe Richez, Dr. Magali Szlosek, Prof. Patrick Y. Toullec
- 2:20pm **Programmable DNA-Based Serine Protease Mimics for Polypeptide Degradation in Prebiotic Systems**
» [Dr. Samantha CHAISE](#), Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin, Ms. Marie QUINCEROT, Ms. Ankita SAHU
- 2:35pm **Synthesis and characterizations of copper(I) chelator in the context of Alzheimer Disease.**
» [Mr. Romain CARRASCO](#), Dr. Clement RULMONT, Prof. Christelle HUREAU-SABATER, Dr. Charlene ESMIEU
- 2:50pm **From Amino Acids to Morpholine-2,5-Diones and Polydepsipeptides: An Eco-Friendly Approach for the Innovative Preparation of Drug Delivery Systems**
» [Mr. Adrien Gallego](#), Dr. Nicolas Pétry, Dr. Julien Pinaud, Dr. Olivia Giani, Dr. Frédéric Lamaty



Continued from Tuesday, 23 June

- 3:05pm **Pyrazinotriazapentalenes (PyTAPs): emerging fluorophores towards biology**
 » [Dr. Paul Demay-Drouhard](#), Dr. Marie-Aude Hiebel, Prof. Franck Suzenet
- 1:20pm **Catalysis / Sustainable chemistry**
Auditorium A
 Chaired by: Prof. Stefan CHASSAING and Jerome canivet
- 1:20pm **Cell-free synthesis of carbohydrates from sustainable C1 sources**
 » [Dr. Sébastien Bontemps](#)
- 1:50pm **Bio-Ligands for CO₂ Fixation Catalysts**
 » [Mrs. Tiansheng WANG](#), Dr. Wenjuan WANG, Dr. Yue LIU, Dr. Lionel SALMON, Dr. Jean-René HAMON, Prof. Jean-Luc POZZO, Prof. Didier ASTRUC
- 2:05pm **Unlocking the enzymatic upcycling of polystyrene and its copolymers**
 » [Dr. Manon Pujol](#), Prof. Daniel Taton
- 2:20pm **UNLOCKING THE OPPORTUNITIES OF MICROBIOMICS FOR THE DISCOVERY OF CARBOHYDRATE-ACTIVE ENZYMES**
 » [Dr. Gabrielle Potocki-Veronese](#), Dr. Sophie Lajus, Dr. Meagan Beatty, Mrs. Laurence Tarquis, Dr. Simon Ladevèze, Dr. Gianluca Cioci, Dr. David Guieysse, Dr. Alexandra Tauzin, Dr. Bernard Henrissat, Dr. Nicolas Terrapon, Dr. Vincent Lombard, Dr. Liisa van Vliet, Prof. Florian Hollfelder, Mrs. Delphine Lestrade
- 2:50pm **Redox-Active Biomineralised Zeolitic Imidazolate Frameworks for Glucose Bioelectrocatalysis and Biosensing**
 » [Ms. Abir Elloumi](#), Mr. Alexis Bolac, Mr. Thierry Encinas, Prof. Houcine Barhoumi, Dr. Andrew GROSS

- 1:20pm **Réseau Jeunes SCF / Groupe Egalité - Round table**
Auditorium B
 Chaired by: Prof. Robin Weiss and Prof. Schirin Hanf
 » [Elsje Alessandra Quadrelli](#)
- 1:20pm **Coordination chemistry**
Auditorium D
 Chaired by: Dr. Jalila Simaan
- 1:20pm **Design and synthesis of molecular cogwheels for on-surface intermolecular gearing**
 » [Dr. Claire Kammerer](#)
- 1:50pm **Engineering High-Performance 2D Metal-Organic Magnets**
 » [Dr. Rosa Diego Creixenti](#), Dr. Abhijit Adak, Dr. Vincent L. Nadurata, Dr. Panagiota Perlepe, Dr. Itziar Oyarzabal, Dr. Nathan Yutronkie, Dr. Dandan Lou, Dr. Andoni Zabala-Lekuona5, Dr. Aaron Mailman, Dr. Mathieu Gonidec, Mr. Mathieu Rouzieres, Dr. Elizaveta A. Suturina, Dr. Souvik Giri, Dr. Sébastien Bonhommeau, Dr. Guillaume Clermont, Dr. Fabrice Wilhelm, Dr. Andrei Rogalev, Dr. Corine Mathonière, Dr. Rodolphe Clérac
- 2:05pm **Gold bis(dithiolene) complexes: a dual interest in single-component molecular conductor and biological activity**
 » [Mr. Rodolph Massoud](#), Dr. Marc Fourmigue, Prof. Dominique Lorcy, Dr. Thierry Roisnel
- 2:20pm **Dihydroxamic chelators for uranium decorporation**
 » [Mr. David Caron](#), Dr. Stéphane Brandès, Dr. Michel MEYER
- 2:35pm **Functionalization and reactivity of diiron complexes inspired by the active site of [FeFe]-Hydrogenases by boron Lewis acid**
 » [Dr. Lucile Chatelain](#), Dr. Ines Bennour, Prof. Philippe Schollhammer



Continued from **Tuesday, 23 June**

2:50pm **Feed supplementation with a molybdenum coordination complex improves honeybee health**

» [Prof. Sebastien Floquet](#), Dr. Clémence Riva, Dr. Loic Colin-Duchevet, Dr. Maria Benito-Murcia, Prof. Fani Hatjina, Prof. Ion Toderas, Prof. Aurelian Gulea, Prof. David Risco-Perez, Dr. Jean-Christophe Sandoz

3:05pm **Efficient NiSOD-like catalysts can be produced by using peptide mimics of metal-binding sites in proteins**

» [Dr. Pascale DELANGLE](#), Dr. Pawel Guinard, Dr. Sarah Hostachy, Mrs. Léa Diebold, Dr. Jacques Pécaut, Dr. Alan Le Goff, Dr. Carole Duboc

1:20pm **Solid state chemistry / Energy**

Auditorium E

Chaired by: Dr. Mathieu Prévôt and Sophie Tencé

1:20pm **Correlative Probing of Chemistry and Recombination Dynamics at the Interfaces of Photovoltaic Materials**

» [Mrs. Stefania Cacovich](#)

1:50pm **Are halide perovskites corrosive materials? Challenges and Insights into the Corrosion Behaviour of Halide Perovskite Solar Panels**

» [Dr. Davide Raffaele CERATTI](#)

2:05pm **Hybrid Photocathode with Backside Illumination: A New Paradigm for Solar Fuels Production**

» Dr. Léo CHOUBRAC, Dr. Afridi ZAMADER, Mr. Vincent Marignoni, Prof. Nicolas BARREAU, Dr. Fabrice Odobel, Prof. Marc ROBERT, [Prof. Julien BONIN](#)

2:20pm **Dye-sensitized Photoelectrochemical Cells promoting Alcohol-to-Aldehyde Conversion in Aqueous Solution using DPP-TEMPO**

» [Dr. Océane Baffroy](#), Dr. Deborah Romito, Dr. Vasilis Nikolaou, Dr. Stéphane Diring, Dr. Georgios Charalambidis, Dr. Athanassios G. Coutsouelos, Dr. Fabrice Odobel

2:35pm **Photoelectrochemical cells based on porous p type CuGaO₂ film photosensitized with triarylamine core organic dyes**

» [Mr. Quentin Stembauer](#), Dr. PENIN Nicolas, Dr. Céline Olivier, Prof. Thierry Toupance, Dr. Aline Rougier

2:50pm **Carbon based negative electrode for K-ion batteries: performance and failure mechanism**

» [Ms. Apolline Choppe](#), Dr. Long Hoang Bao Nguyen, Dr. Laure Monconduit

3:05pm **Long-Time Scale Molecular Dynamics of Large-Scale Simulations Enhanced by Machine Learning of Hydroxylated Tin Oxide with Additives for Solar Cell Devices**

» [Dr. Auguste Tête-noire](#), Dr. Andrea Vezzosi, Dr. Virginia Carnevali, Prof. Ursula Röthlisberger

1:20pm **Physical chemistry**

Auditorium F

Chaired by: Dr. Corinne Lagrost

1:20pm **Simulations moléculaires de réactions de transfert de proton avec une précision quantique grâce à l'apprentissage machine**

» [Dr. Axel Gomez](#)

1:50pm **Investigating the growth of large hydrocarbons and mixed metal-organic clusters driven by metals : a challenge for DFTB.**

» Dr. Camille Alauzet, Prof. Fernand Spiegelman, Prof. Christine Joblin, Prof. Kremena Makasheva, [Prof. Aude Simon](#)

2:05pm **Beyond the antenna effect: unravelling excited states dynamics in luminescent triazacyclononane lanthanide(III) complexes.**

» [Dr. Yoann Fréroux](#), Dr. Salauat R. Kiraev, Dr. Dina Akl, Dr. Akos Banyasz, Dr. Olivier Maury

2:20pm **Boron Doped Diamond for Photoinduced Electrochemiluminescence**

» [Mr. Changlin Zhou](#), Dr. Emmanuel Scorsone, Dr. Borja Sepulveda, Prof. Neso Sojic, Dr. Gabriel Loget



Continued from **Tuesday, 23 June**

- 2:35pm **Three-Dimensional Imaging of Living Spheroids via Electrochemiluminescence Microscopy**
 » Mrs. [Elisa D'Arrigo](#), Dr. Vanshika Gupta, Dr. Bertrand Goudeau, Prof. Neso Sojic, Prof. Jeffrey Dick
- 2:50pm **Optical readout of magnetic separation of iron nanoparticles via light-emitting chemo-electromagnets**
 » Ms. [Marine Lavainne](#), Ms. Cara Lozon, Dr. Laurent Bouffier, Prof. Alexander Kuhn, Prof. Neso Sojic, Dr. Gerardo Salinas
- 3:05pm **Astrochemical experiments to understand the molecular diversity of interplanetary bodies**
 » Prof. [Grégoire Danger](#), Mr. Lawry Honold, Dr. Alexander Ruf, Dr. Thomas Javelle, Prof. Philippe Schmitt-Kopplin, Dr. Vassilissa Vinogradoff, Dr. Adeline Garcia
- 2:20pm **Réseau Jeunes SCF / Groupe Egalité**
Auditorium B
 Chaired by: Prof. Robin Weiss and Prof. Schirin Hanf
- 2:20pm **Hetero-helicenes for chirality induced cross effects**
 » [Mr. Justin Cado](#), Dr. Nicolas Zigon, Dr. Narcis Avarvari
- 2:35pm **Imaging and detection of objects by electrochemiluminescence**
 » [Ms. Axelle VIREPINTE](#), Dr. Estelle LEBEGUE LEVACHE, Dr. Jasmina VIDIC, Prof. Neso SOJIC
- 2:50pm **Towards a complete understanding of the behaviour of ruthenium in spent nuclear fuel reprocessing**
 » [Ms. Marwa KHODER](#), Mrs. Anne LELIAS, Dr. Marie Simonnet, Dr. Damien Bourgeois
- 3:20pm **Poster Session & Coffee Break**
Coffee Break & Posters

Representing Conjugate Biomolecules in Medicinal Chemistry and Chemical Biology

» Mx. Antima Gupta, Mx. Alex M Clark, Mx. Peter Gedeck, [Mr. Mark Harding](#), Mr. Nicola Vettore, Mx. Ljubica Milović, Mx. Roman Rodionov, Mx. Valentin Anoprenko, Mx. Ralphie Fiorenza, Mx. Robert Kotak-Thorn, Mx. Krishna Dole, Mx. Kellan Gregory, Mx. Barry Bunin

Harnessing Allylic Shift of Hexafluoroisobutylene to Access Enantiopure Polyfluoroisobutylene Derivatives as Versatile Building Blocks

» Mr. Sandeep Mummadi, Ms. Aline Delamare, Mr. Guillaume Nautet, Mr. Brice Kauffmann, Mr. Gilles GUICHARD, [Mr. Guillaume Compain](#)

Synthesis and evaluation of novel probes based on borinate ester trigger for the detection of hydrogen peroxide

» [Ms. Elsa RAMASSAMY](#), Dr. Hugo Bloux, Dr. Arnaud Chevalier, Dr. Philippe Durand, Dr. Boris Vauzeilles, Dr. Mathieu Pucheault, Dr. Laurent Chabaud, Dr. Stéphanie Norsikian

Design and microwave-assisted solid-phase peptide synthesis of novel AIP analogues as anti-biofilm agents for cystic fibrosis-related S. aureus infections

» [Mr. Rathies Ravindra](#), Mr. Aurélien BEATO, Ms. Hedia MARRAKCHI, Ms. Fatima EL GARAH

SYNTHIA : an Automated & Light-Assisted High-Throughput Experimentation Platform

» [Ms. Laura Marchand](#), Mr. Brice Didelot, Mr. Nicolas Blanchard

Targeting MCT1-4 to Overcome Temozolomide Resistance in Glioblastoma

» [Ms. Manel Larafa](#), Ms. Alicia Delavier, Ms. Murielle Berlande, Ms. Eva Epinette, Mr. Thomas Daubon, Ms. Valérie Ravaine, Dr. Magali Szlosek

Characterization of volatile organic compounds from 49 white and aged agricultural rums from Guadeloupe and Martinique.

» [Mrs. Sandrine LESUPERBE - SAVERIMOUTOU](#), Mr. Damien STEYER, Mrs. Guylène AURORE, Mrs. Gélica LAWRENCE



Continued from Tuesday, 23 June

Last-stage functionalization of alloxazines and their applications in photocatalysis

» [Mr. Amael Grégoire](#), Prof. Marine DESAGE-EL MURR

Silver(I)-NHC Complexes as Dual-Action Agents Against Pathogenic Acanthamoeba Trophozoites: Anti-Amoebic and Anti-Adhesion Activities

» [Dr. hkiri shaima](#), Dr. David Sémeril, Prof. Elvan Üstün, Prof. Zübeyda Zübeyda

Design and Self-Assembly of Nucleolipid-based drug-conjugate gelators

» [Ms. Charlotte Letailleur Lamonica](#), Ms. Léa Mulot, Dr. Arthur Kluffs-Edel, Dr. Arnaud Gissot, Dr. Valerie Desvergnès

Statistical Field Theory To Study Supercritical CO2 Under Confinement

» [Ms. Odette Tannous](#), Dr. Antoine Carof

Dimerization of Oxidized Phenols : Investigation of an Alternative Pathway towards Quassinoids Skeleton

» [Mr. Noé Klopocki](#), Prof. Patrick Y. Toullec, Dr. Philippe A. Peixoto

Minimal Core, Maximum Emission: Modular Amination of Single-Benzene Fluorophores

» [Dr. Enzo Nobile](#), Mr. Nikita Salov, Dr. Marie-Pierre Heck, Dr. Grégory Pieters

Towards the electrochemical molecular activation of dinitrogen with phthalocyanines

» [Mr. Kenberson Surin](#), Prof. Marc ROBERT, Dr. Dependu Dolui

A non-innocent, pi-extended N-Heterobicyclic Carbene-thiolate ligand

» [Dr. Vincent CESAR](#), Mr. Michael Marquardt, Mr. Korentin Lartigue, Mr. Richeek Debnath, Dr. Vincent Maurel, Dr. Jean-Marie Mouesca, Prof. Ivan Castillo, Dr. Stéphanie Bastin

Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications

» [Mr. Mattéo Prud'homme](#), Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier

Influence du rapport oleylamine / acide oléique sur la taille et la morphologie des nanoparticules d'oxyde de fer synthétisées par voie micro-ondes

» [Mrs. Cyrielle Hoffmann](#), Dr. Emmanuel Lamouroux, Dr. Solenne Fleutot

Mo2O5S2-thiosemicarbazone coordination complexes: from synthesis to properties.

» Dr. Diana Cebotari, Dr. Sergiu Calancea, Mr. Jules God--Carles, [Ms. Naomi Boyer](#), Ms. Tessa Caltà, Dr. Maxime Laurans, Dr. Mohamed Haouas, Dr. Jerome Marrot, Dr. Vincent Guerineau, Prof. Olivier David, Prof. Aurelian Gulea, Prof. Sebastien Floquet

Redefining access to Cyclic (Alkyl)(Amino) Carbenes: A versatile and tunable platform

» [Ms. Samantha Kennedy](#), Dr. Marc Mauduit, Dr. Rodolphe Jazzar

Towards the controlled synthesis of polyfluoroacetylene

» [Dr. Sara Bonfante](#), Prof. Jason Lynam, Dr. John Slattery

Chemical synthesis of molecular probes bearing polyphenolic stilbenoids for the study of their bacterial protein interactions

» [Ms. Margot Zambon](#), Prof. Sébastien Vilain, Prof. Denis Deffieux, Prof. Stéphane Quideau

Methodological development of a [2+2] cyclodimerization of ortho-quinonoids: Towards the total synthesis of sclerocitrin

» [Mr. Baptiste GEFPE](#), Mr. Kevin Balaire, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Towards the Total Synthesis of Geraniin

» [Ms. Aurora Bossoni](#), Dr. Romain Larrieu, Ms. Anaëlle Cornu, Mr. Nathan Billard, Prof. Laurent Pouységu, Prof. Denis Deffieux, Prof. Stéphane Quideau



Continued from Tuesday, 23 June

Stilbene Profiles Across Grape Cane Fractions and Savoie Cultivars: Links to Antioxidant Activity

» [Dr. Aghiles Karim AISSAT](#), Dr. Audrey DAMIENS, Ms. Eléa Collange, Prof. Micheline DRAYE, Dr. Grégory CHATEL

Iron Tetrphenylporphyrin complex for CO₂ electrochemical reduction and C-C bond formation

» [Mr. Ulysse Garnier Viarouge](#), Prof. Marc ROBERT, Prof. Monica Calatayud

Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties

» [Ms. Solène Foisneau](#), Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard

Polydopamine particles-stabilized Pickering Emulsions for catalytic applications

» [Dr. Jean-François DECHEZELLES](#)

Synthesis of ortho-Quinol-based [4+2]-Cyclodimers via Chiral Iodol-type λ 5-Iodanes-mediated Hydroxylative Phenol Dearomatization

» [Ms. zhaozhao sun](#), Ms. Anaëlle Cornu, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars

» [Dr. Lisa Bonin](#), Prof. Samir Messaoudi

"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise

» [Mrs. Cécile Chamignon](#)

From Cluster Halides to Catalysts: Nanostructured Molybdenum Carbides for Efficient Hydrogen Evolution Reaction

» [Dr. Stéphane Cordier](#), Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Ms. Noée Dumait, Ms. Ludivine Rault, Dr. Corinne Lagrost, Dr. Fabien Grasset, Dr. Franck Tessier

Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination

» Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi

A participative approach to reduce the environmental impact of research activities at the Chemical Sciences institute of Rennes

» Dr. Louise-Anne Cariou, Dr. Nicolas Cimetière, Prof. Karine Costuas, Dr. Fabienne Gauffre, [Dr. Guillaume Gouget](#), Mr. Edwin Perrot

Exploring syntheses in inorganic molten salts for the ligation of p-block elements to metal clusters

» [Ms. Faouzati Abdallah](#), Ms. Noée Dumait, Dr. Stéphane Cordier, Dr. Guillaume Gouget

Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study

» [Mr. Chéfikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery

Peptide coacervates as minimal compartments for prebiotic chemistry

» [Ms. Marie QUINCEROT](#), Ms. Ankita SAHU, Dr. Samantha CHAISE, Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin

Cu/Pd Dual-Catalyzed Stereoselective Construction of Homoallylic Nitriles Featuring Vicinal Stereocenters and Their Post-Functionalization

» [Mr. Quentin Chevrier](#), Dr. Lilian Mimoun, Dr. Hamdi Sanaa, Dr. Cyril Nicolas, Prof. Isabelle GILLAIZEAU

Study of kinetics of hydration of new photoluminescent alkali lanthanide-free [SbW₆O₂₄]⁷⁻ used for water detection.

» Prof. CARTIGNY Johann, [Ms. Sinali Linara Kasige Silva](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez



Continued from **Tuesday, 23 June**

New glycosyl conjugates to address biological targets: an approach leading to the downregulation of KRAS proteins.

» Mr. Julien Verget, Dr. Faith Kivunga, Dr. Virginie Baylot, Dr. Jean Dessolin, Dr. Haythem Abda, Dr. Biju Majumbar, Ms. Léa Mulot, Dr. Henri Barry, Ms. Patricia Korzak, Ms. Brune Vialet, Prof. Philippe Barthelemy

Study of the solid-state landscape of the (an)hydrated forms of K7[SbW6O24], a new type of turn-off luminescence humidity sensors.

» Prof. CARTIGNY Yohann, Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New Alkali Lanthanide-free Polyoxometalate Salts with Highly Tunable Water-responsive Photoluminescence Properties

» Mr. Léo Papin, Dr. Aurély Bagghi, Prof. Olivier Hernandez, Prof. CARTIGNY Yohann, Prof. Rémi Dessapt

A Unified Approach to Aspidosperma and Eburnane Scaffolds towards Bis-indole Alkaloids

» Dr. Emmanuel Valzer, Dr. Nicolas Girard

Synthesis of pyrrolidines as enzyme modulators targeting glucocerebrosidase: Application to Gaucher disease

» Ms. Chedia Yaakoubi, Dr. Cecile Dehoux, Prof. Mohamed Lotfi Efrif, Dr. Aïcha ARFAOUI, Dr. Yves Génisson

Lithium effect on lipid bilayer : The quest to understand lithium therapeutic mechanism in Bipolar Disease

» Dr. Louis Bunej, Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman, Dr. Vladimir Adrien

Mono-, bis- and tri-benzimidazolium halobismuthates: hybrid organic-inorganic systems

» Prof. Sara Cortés-Llamas, Ms. Loélia Perrault, Dr. Salem Ba Sowid, Prof. François Ribot, Prof. Dimitri Mercier, Prof. Louis Fensterbank

Synboli: Accelerating the development of high performance polymer materials through AI

» Dr. Marion Boyet, Dr. Maksym Odnoroh, Mrs. Cassandre Motte, Mrs. Laura Misrachi, Mr. Vincent Simonet, Dr. Mathieu Pucheault

From Fluoroform (HFC-23) to Difluoromethylated Heterocycles via Trifluorovinylamine as a C2 reagent

» Dr. Tan Sang TRUONG, Dr. Jonathan Decaens, Prof. Thomas Poisson, Prof. Philippe Jubault

Deep learning-assisted first-principles molecular simulations of divalent cation battery electrolytes

» Mr. Aurélien Zavadil, Prof. Rodolphe Vuilleumier

Design and Self-Assembly of Non-Viral Nanovectors for Nucleic Acid Delivery in pediatric cancer

» Mrs. Pauline Trousselier, Dr. Morgan Wloch, Mrs. Elora Bonzon-Dubos, Mr. Pierre Klein, Dr. Christophe Grosset, Dr. Valerie Desvergnès

Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging

» Mr. Luka Perrin, Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt

New manganese half-sandwich platforms for N2 activation

» Mr. Quentin Lepeintre, Dr. Laure Vendier, Prof. Marcus Drover, Dr. Antoine Simonneau

Bioinspired functional models of copper-containing Lytic Polysaccharide Monoxygenase

» Dr. Subhankar Sutradhar, Dr. Rébecca Leblay, Mr. Niccolò Nova, Dr. Bruno Faure, Dr. Jalila Simaan

COSMO-RS Prediction of Hydrocarbons EACNs Calibrated on the n-Alkanes Reference Scale

» Prof. Jean-Marie AUBRY, Dr. Théophile Gaudin, Prof. Andreas Klamt



Continued from **Tuesday, 23 June**

Sustainable protein recovery from almond press cake via natural deep eutectic solvents

» [Dr. Alexandra Gaspar-Pintiliescu](#), Dr. Elena Mihai, Ms. Viorica Coroiu, Dr. Angela Port, Prof. Maria Duca, Dr. Oana Craciunescu

Development of PLA beads with electromagnetic properties for biological applications

» [Ms. Liana Delevingne](#), Dr. Frédéric Delbecq, Dr. Houcine Mhemdi

Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones

» [Mrs. Sarah Altakach](#), Dr. Till Bousquet, Prof. Lydie Pélinksi

“Brønsted Acid-Catalyzed Hydroamination of Benzyliidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)”

» [Mrs. Claire LAURENT](#), Dr. David LEBOEUF

In situ fluorescent tracking of ROPISA processes using NCA-based probes

» [Ms. Emma Lalanne](#), Dr. Dalel EL MARROUKI, Mr. Amin El Jarroudi Hammou, Dr. Anh Thy Bui, Dr. Chloé Grazon

Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes

» [Dr. Nicolas Joly](#), Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson

Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Jérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson

New polyfunctional ligands for oxide surfaces. Application to the protection of light alloys.

» [Ms. Loélia Perrault](#), Ms. Mathilde Michaux, Ms. Christina Skoumas, Prof. Dimitri Mercier, Prof. François Ribot, Prof. Louis Fensterbank

Copper(I) Hybrid Materials: Insight into their Luminescence Stimuli-Responsive Properties

» [Ms. Giorgia Castellan](#), Prof. Olivier Hernandez, Dr. Jean-Yves Mevellec, Prof. Camille Latouche, Dr. Sandrine PERRUCHAS

Fine-Tuned Force Fields for Chromophores in Organic and Deep Eutectic Solvents

» [Ms. Dana Dastan](#), Dr. Abderrahmane Semmeq, Dr. Giacomo Prampolini, Prof. Francesca Ingrosso

Unlocking new C–OCF₃ bond transformations

» [Dr. Arushi Garg](#), Mr. Zhenbang Chang, Mr. Mengyu Xu, Dr. Tatiana Besset

Upcycling tire waste into epoxy-phosphonate vitrimers via olefin cross-metathesis

» [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Prof. Isabelle Dez

Comparative study of Ni catalysts supported by silica and modified by metal addition Co for the steam reforming of methane

» [Mr. Ali ZAZI](#), Mrs. Ouiza Cherifi

Enhancing FRET Efficiency with Fluorescent Nanoparticles

» [Mr. Elvin Le Tallec](#), Dr. Chloé Grazon, Dr. Dalel EL MARROUKI, Mrs. Clara Catros, Mr. Vincent Mariani

Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase

» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance

Development of fluorescent boron derivatives

» [Dr. Emeric Montinho Inacio](#), Mr. Gabin Lalande, Dr. Laurent Chabaud, Dr. Mathieu Pucheault



Continued from **Tuesday, 23 June**

Synthesis of multifunctional hetero-poly-metallic complexes: Optical probes for magnetic characterization

» [Ms. Hong Nhung NGUYEN](#), Dr. Constance Lecourt, Ms. Lamia Aboulharjan, Mr. Mohamad Elhasan Salman, Dr. Olivier Maury, Mr. Jérémy Forté, Dr. Sébastien Pillet, Mr. Artem Mikhailov, Mr. El-Eulmi Bendeif, Dr. Valérie Marvaud

Photocatalyzed Electrochemiluminescence Imaging of Patterned TiO₂ for Local Reactivity Mapping

» [Ms. Anaga Vinod](#), Dr. Bertrand Goudeau, Mr. Thomas Cottineau, Ms. Maryem Rahmani, Prof. Neso Sojic, Dr. Gabriel Loget

Multicomponent reactions on the biobased 5-HMF platform: access to new nitrogen containing heterocyclic compounds

» [Dr. YVES QUENEAU](#), Dr. Jingjing Jiang, Dr. Weigang Fan, Prof. Florence Popowycz

Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®

» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore

Designing MOF Electrodes for Urea Oxidation

» [Mr. Phirom Boun](#), Dr. Supattra Somsri, Dr. Jeon Rang, Dr. Gabriel Loget

Radio-iodination of aryl-boronated species

» [Dr. Ulises Carrillo](#), Prof. Thomas Cailly, Mr. Lucas Verget

Upcycling of end-of-life tire rubber into vitrimers through transesterification

» [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez

Plasmon-Activated Molecular Catalysis Applied to Orthogonal Relay Catalysis

» [Mr. Maxime Cousseau](#), Dr. Clémence Queffélec, Dr. Mireia Rodriguez-Zubiri

Upcycling Cheese Whey into Plant-Based Kefir: A Hybrid Approach for Sustainable Functional Beverages

» [Ms. Sinem KELES](#)

Lytic Polysaccharides MonoOxygenases, copper enzymes for the valorization of recalcitrant polysaccharides

» [Mr. Axel Delétoile](#), Mr. Niccolò Nova, Ms. Iris Wehrung, Dr. Maylis Orio, Dr. Alexandre Ciaccavava, Dr. Jalila Simaan

Unlocking new N-Heterocycles through hydrocyanation of n-amides

» [Ms. wenwen yang](#), Mr. Dorian SCHUTZ

A chemical reactor for peptide formation, elongation and accumulation on the Primitive Earth, and its implication for the emergence of homochirality

» [Prof. Grégoire Danger](#), Ms. Salomé Lagasse, Dr. Laurent Boiteau, Dr. Robert Pascal

Exploring the pyrrolopyrimidine scaffold in drug discovery

» [Mrs. Lindita Lari](#), Dr. Sandra Albenque, Ms. Solène Savrimoutou, Dr. Stéphane Moreau, Prof. Jean Guillon, Prof. Vanessa Desplat

Redox-Active Self-Assembled Molecular Cages: From Supramolecular Masking to Rotaxane Wheels

» [Ms. MALIKA ALSHAB](#), Prof. Marc Sallé, Dr. Sébastien Goeb

New lithium ion alkoxysilane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries

» [Mr. Clement Coltin](#)

Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.

» [Mr. Dylan El Faude](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson



Continued from **Tuesday, 23 June**

Synthesis of an antimicrobial peptide active against *Streptococcus mutans*: integration of AI-assisted design

» [Dr. Enzo Eddebarh](#), Dr. Johan Samot, Prof. Akka Zemmari, Dr. Laurent Chabaud, Prof. Emilie Genin

Coupled Polymethine Dyes: Let's Have a Second Slice of π

» [Dr. Simon Pascal](#), Dr. Benjamin Mourot, Dr. Tatiana Munteanu, Dr. Carmelo Naim, Prof. Gabriel Canard, Dr. Olivier Siri, Prof. Denis Jacquemin

Electrocatalytic reduction of nitrite ions by mononuclear copper complexes

» Dr. Amira Mahmoud, Mr. Abdeljalal Outalha, Dr. Emmlyne Cuza, [Prof. Françoise Conan](#), Dr. Nicolas Le Poul

2-Pyridylidene ligands: From ligand properties determination to gold catalysis.

» [Mr. Jordan Courtois](#), Dr. Lucie Jarrige

Controlled Pt doping of silica-supported Ni nanoparticles through surface organometallic chemistry on metals: application as catalysts for selective hydrogenation reactions

» [Dr. Alejandra Zuluaga](#), Dr. Chloe Thieuleux, Dr. Clément CAMP, Dr. Laurent Vanoye, Dr. Régis Philippe, Dr. Romain Réocreux, Mr. Laurent Veyre

"CRISPR Reveals the Evolutionary Arms Race Between *Oenococcus* and Phages"

» [Dr. YASMA BARCHI](#)

Valorisation chimique et biologique d'*Ephedra alata* : une source durable de molécules bioactives pour les défis thérapeutiques futurs

» [Ms. Zineb Chetouh](#)

Exciton Pumping: a Novel Pathway for Solid-State High-Harmonic Generation

» [Mr. Ruben Narwa](#), Dr. Antonio Picón

Molecular Docking and DFT calculation of Metronidazole-Cobalt complex

» [Mrs. HENNIA SLAOUTI](#)

Aldol condensation of furfural and acetone catalyzed by a new catalyst Mg-Al-NH₂-hydrotalcite-like

» [Mr. SAID ARHZAF](#), Mr. MOHAMMED NACIRI BENNANI, Mr. JAMAL HOUSSAINI

3:40pm

Organic chemistry

Main Auditorium

Chaired by: Dr. Frédéric Lamaty

3:40pm

Designing Cycloadditions to Enable Total Synthesis

» [Mr. Aurélien DE LA TORRE](#)

4:10pm

Enantiospecific synthesis of atropisotopomers via a bis(aryne) atropisomer intermediate

» [Dr. Yoann Coquerel](#), Dr. Florian Rigoulet, Dr. Guillaume Dauvergne, Dr. Christie Aroulanda, Dr. Jean-Valère Naubron, Dr. Philippe Lesot

4:25pm

Synthesis of new C-N atropisomeric compounds via dual nickel-metallaphotoredox catalysis

» [Mr. Armand Levoin](#), Dr. Sabine Choppin

4:40pm

Photoinduced [2+2] Cyclodimerization of ortho-Quinonoids

» [Mr. Kévin Balaire](#), Mr. Baptiste Geffe, Prof. Laurent Pouységu, Prof. Stéphane Quideau

4:55pm

Diastereoselective (Silyloxyethyl)allylation of Imines, a Strategy for the Divergent Preparation of Cis and Trans-2,3-Disubstituted Pyrrol-idines

» [Mr. Mohamed EL GHARBI](#), Dr. Remi Pereira, Ms. Julie Gauthron, Prof. Jean-Bernard Behr, Prof. Jean-Luc Vasse



Continued from **Tuesday, 23 June**

5:10pm **Consistent anti Head-to-Head [2+2] Photocycloaddition of Benzothiophene S,S-Dioxide Monomers: Synthesis, DFT Rationale, and Applications**
 » [Ms. Abdelhaq Cherradi](#), Dr. Khaled Youssef, Prof. Denis Jacquemin, Dr. Saïd Taboukhat, Dr. Kamel R. Shoueir, Prof. Lionel Sanguinet, Dr. Frédéric Gohier

5:25pm **Synthesis of 2-Amidothiophenes through Fiessemann Condensation of activated ynamides**
 » [Mr. Marco Menghini](#), Mrs. Laurence Miesch

3:40pm **Sustainable chemistry / Polymers and Materials**
Auditorium A
 Chaired by: Dr. Laure Benhamou and Madeline Vauthier

3:40pm **From Macromolecular Construction to Post-Polymerization Functionalization: Pathways to Greater Circularity**
 » [Prof. Daniel Taton](#)

4:10pm **Bio-based Estolides from metropolitan Erucic Acid : synthesis and performances**
 » [Dr. Boris Bizet](#), Dr. Marie Reulier, Dr. Cécile Joseph, Dr. Didier Pintori, Dr. Guillaume Chollet

4:25pm **Synthesis of hybrid nanomaterials based on biogenic silica and biopolymers for lithium adsorption applications**
 » [Mr. Ray Arteaga](#), Prof. Jimmy Castillo, Prof. Brice Bouyssiere, Prof. Sadia Radji

4:40pm **Lignin Functionalization for Non-Isocyanate Polyurethane foams**
 » [Ms. Estelle DAUGA](#), Prof. Mathieu Sauthier, Dr. Clément Dumont, Dr. Tiphaine Richard, Mr. Laurent Mougard

4:55pm **Bio-sourced phosphorylated cellulose fibres towards sustainable functional ceramics**
 » [Mr. Thomas Laporte](#), Mrs. Chantal Damia, Prof. Sylvie Foucaud, Prof. François Brouillette, Prof. Romain Lucas-Roper

5:10pm **Engineering of Self-assembly of Fibers in a Sheared Fluid**
 » [Mr. Antonin Cardinaud](#), Prof. Philippe Poulin

5:25pm **Controlled depolymerization of tire waste by olefin cross-metathesis and its upcycling into reversible networks**
 » [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Dr. Yougourthen Boumekla, Dr. Julien Renault, Prof. Isabelle Dez

3:40pm **Réseau Jeunes SCF**
Auditorium B
 Chaired by: Dr. Lucile Chatelain and Dr. Julie Andrez

3:40pm **σ -Hole Interactions in Solution: Design, Quantification, and Catalytic Applications**
 » [Prof. Robin Weiss](#)

4:10pm **Enzyme-triggered tyrosine coupling in polypeptides for hydrogel formation**
 » [Ms. Alice Delhaes](#), Dr. Rocío López-Domene, Mr. Emmanuel Ibarboure, Prof. Sébastien Lecommandoux, Dr. Elisabeth Garanger

4:25pm **Upcycling of end-of-life tire rubber into vitrimers through transesterification**
 » [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez

4:40pm **Small Drops, Big Effect: NHC organocatalysis in aqueous medium**
 » [Ms. Charline Dechamps](#), Dr. Kévin Peyraud-Vicré, Dr. Nicolas Martin, Dr. Valerie Desvergnès

4:55pm **Chiral π -extended diketopyrrolopyrrole through alkyne annulation**
 » [Mr. Maxime POULAIN](#)

5:10pm **3D printed silk-based hydrogels scaffold functionalized by nanomaterials for tissue engineering**
 » [Ms. Marie Crémillieu](#), Dr. Elisabeth Van Hecke, Dr. Frédéric Delbecq, Prof. Christophe Egles, Prof. Erwann GUÉNIN



Continued from **Tuesday, 23 June**

- 5:25pm **3-Pyrazolyl-pyran-2-one: Synthesis, crystal structure, Hirshfeld surface analysis, DFT and ADMET studies**
» [Mr. Madani OUHADDOU](#)
- 3:40pm **Coordination chemistry / Chemobiology**
Auditorium D
Chaired by: Dr. Pascale DELANGLE
- 3:40pm **A multiscale approach against oxaliplatin-induced peripheral neuropathy using redox modulation**
» [Prof. Helene Bertrand](#)
- 4:10pm **Phospholipid-cation interactions alters membrane proteins activity: the case of SNARE-catalyzed membrane fusion**
» [Dr. Louis Bunel](#), Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman
- 4:25pm **Pro-radical macrocyclic lanthanide complexes as probes for oxidative stress**
» Ms. Perrine Beria, Dr. Olivier Sénèque, [Dr. Jennifer Molloy](#)
- 4:40pm **Platinum(II)-NHC Complexes as Next-Generation Metallodrugs**
» [Ms. El Hachmi Hajar](#), Dr. Stéphane Bellemin-Lapponnaz, Dr. Antoine Kichler
- 4:55pm **Heteroelements and polyazamacrocyclic chelators : new properties for applications in medical imaging and therapy**
» [Dr. Thibault Troadec](#), Prof. Raphael Tripier, Dr. Emmanuelle Jestin, Dr. Francesca Garello, Dr. Lorenzo Tei
- 3:40pm **Solid state chemistry / Energy**
Auditorium E
Chaired by: Dr. Mathieu Prévôt and Marie Guignard

- 3:40pm **Régénération à température ambiante des cathodes LFP par voies humide et sèche**
» [Dr. Moulay Tahar Sougrati](#), Mx. Tassadit Ouaneche, Dr. Nadir Recham, Prof. Lorenzo Stievano, Dr. Laure Monconduit, Mx. Claude Guéry
- 4:10pm **Wadsley-Roth oxides high-rate negative electrodes in Li-ion batteries: solid-state compositional engineering and prototyping assessment**
» Dr. Dat Le Thanh, Mr. Julien Fullenwarth, Dr. Dimitrios Chatzogiannikis, Dr. François Fauth, Dr. Emmanuelle Suard, [Dr. Romain Berthelot](#)
- 4:25pm **Recycling of NMC materials: understanding impurities effects in the (re)synthesis, application to a recycled material**
» [Dr. Johann Chable](#), Mr. Shadi Al-Tobul, Mr. Mattes Renner, Ms. Nicole Bohn, Ms. Monika Raab, Dr. Thomas Bergfeldt, Dr. Anna Smith, Dr. Werner Bauer, Dr. Joachim Binder
- 4:40pm **Towards metal-free organic anion-ion batteries**
» [Mr. Axel Florent](#), Dr. Stéven Renault, Dr. Thomas Devic, Prof. Philippe Poizot
- 4:55pm **New lithium ion alkoxysilane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries**
» [Mr. Clement Coltin](#)
- 5:10pm **Synthesis and Characterization of NaMF₃ (M= Fe, Ni, Mn, Co) Nanoparticles as Positive Electrode Material for Na-ion Batteries**
» [Mr. Romain Gay](#), Dr. Jacob Olchowka, Dr. Laurence Croguennec, Prof. Sophie Cassaignon
- 5:25pm **Contrôle de l'ordre et du désordre dans les phases (TiW)_y(Nb)_{2-2y}O₅ et influence sur l'insertion électrochimique du lithium**
» [Mr. Youenn Barreau](#), Dr. Romain Wernert, Prof. Thierry Brousse, Dr. Olivier Crosnier
- 3:40pm **Physical chemistry**
Auditorium F
Chaired by: Benoit Coasne



Continued from **Tuesday, 23 June**

- 3:40pm **Jean Perrin et la chimie-physique**
» [Prof. Gilberte Chambaud](#)
- 3:55pm **TBC**
» [Prof. Mona TREGUER-DELAPIERRE](#)
- 4:25pm **Variational Quantum Lanczos Algorithm for the electronic structure problem**
» [Dr. Matthieu Saubanere](#)
- 4:40pm **COSMO-RS modeling of Deep Eutectic Solvents beyond binary mixtures**
» [Dr. Nicolas Rolland](#), Prof. Véronique Nardello-Rataj
- 4:55pm **Stochastic Density Functional Theory for Solvation of Ions in a Explicit Polar Solvent**
» [Dr. Antoine Carof](#), Dr. Pierre Illien, Dr. Benjamin Rotenberg
- 5:10pm **Optimizing Molecules Beyond Data Bias: EvoMol and Realistic Chemical Spaces.**
» [Dr. Thomas Cauchy](#), Ms. Derin Ozer, Dr. Benoit Da Mota
- 5:25pm **A Theoretical Study of Orientational Correlations in Water and in Electrolyte Solutions**
» [Dr. Swetha Nair](#), Dr. Dominika Lesnicki, Dr. Antoine Carof, Prof. Francesca Ingrosso
- 5:40pm **Binational awards**
Main Auditorium
Chaired by: Mrs. Gilberte Chambaud
- 5:40pm **Aggregation-Induced Emission: Past, Present and Future**
» [Prof. BEN ZHONG TANG](#)

Wednesday, 24 June

- 8:10am **Registration**
Welcome Desk
- 8:30am **Binational awards**
Main Auditorium
Chaired by: Arnaud VOITURIEZ
- 8:30am **1,4-Dihydropyrrolo[3,2-b]pyrrole and Dipyrrolonaphthyridinedione - Novel Building Blocks for Optoelectronics**
» [Mr. Daniel Gryko](#)
- 9:10am **Grand awards**
Main Auditorium
Chaired by: Arnaud VOITURIEZ
- 9:10am **HOW LIGANDS SHAPE GOLD CHEMISTRY? FROM STRUCTURE AND REACTIVITY, TO CATALYSIS**
» [Prof. Didier Bourissou](#)
- 9:30am **Grand awards**
Main Auditorium
Chaired by: Arnaud VOITURIEZ
- 9:30am **Quelles stratégies de développement et technologies pour sécuriser l'industrialisation des procédés chimiques en flux continu ?**
» [Mr. Vivien Henryon](#)
- 9:50am **Poster Session & Coffee Break**
Coffee Break & Posters



Continued from **Wednesday, 24 June**

Representing Conjugate Biomolecules in Medicinal Chemistry and Chemical Biology

» Mx. Antima Gupta, Mx. Alex M Clark, Mx. Peter Gedeck, [Mr. Mark Harding](#), Mr. Nicola Vettore, Mx. Ljubica Milović, Mx. Roman Rodionov, Mx. Valentin Anoprenko, Mx. Ralphie Fiorenza, Mx. Robert Kotak-Thorn, Mx. Krishna Dole, Mx. Kellan Gregory, Mx. Barry Bunin

Harnessing Allylic Shift of Hexafluoroisobutylene to Access Enantiopure Polyfluorooleucine Derivatives as Versatile Building Blocks

» Mr. Sandeep Mummadi, Ms. Aline Delamare, Mr. Guillaume Naulet, Mr. Brice Kauffmann, Mr. Gilles GUICHARD, [Mr. Guillaume Compain](#)

Synthesis and evaluation of novel probes based on borinate ester trigger for the detection of hydrogen peroxide

» [Ms. Elsa RAMASSAMY](#), Dr. Hugo Bloux, Dr. Arnaud Chevalier, Dr. Philippe Durand, Dr. Boris Vauzeilles, Dr. Mathieu Pucheault, Dr. Laurent Chabaud, Dr. Stéphanie Norsikian

Design and microwave-assisted solid-phase peptide synthesis of novel AIP analogues as anti-biofilm agents for cystic fibrosis-related S. aureus infections

» [Mr. Rathies Ravindra](#), Mr. Aurélien BEATO, Ms. Hedia MARRAKCHI, Ms. Fatima EL GARAH

SYNTHIA : an Automated & Light-Assisted High-Throughput Experimentation Platform

» [Ms. Laura Marchand](#), Mr. Brice Didelot, Mr. Nicolas Blanchard

Targeting MCT1-4 to Overcome Temozolomide Resistance in Glioblastoma

» [Ms. Manel Larafa](#), Ms. Alicia Delavier, Ms. Murielle Berlande, Ms. Eva Epinette, Mr. Thomas Daubon, Ms. Valérie Ravaine, Dr. Magali Szlosek

Characterization of volatile organic compounds from 49 white and aged agricultural rums from Guadeloupe and Martinique.

» [Mrs. Sandrine LESUPERBE - SAVERIMOUTOU](#), Mr. Damien STEYER, Mrs. Guylène AURORE, Mrs. Gélica LAWRENCE

Last-stage functionalization of alloxazines and their applications in photocatalysis

» [Mr. Amael Grégoire](#), Prof. Marine DESAGE-EL MURR

Silver(I)-NHC Complexes as Dual-Action Agents Against Pathogenic Acanthamoeba Trophozoites: Anti-Amoebic and Anti-Adhesion Activities

» [Dr. hkiri shaima](#), Dr. David Sémeril, Prof. Elvan Üstün, Prof. Zübeyda Zübeyda

Design and Self-Assembly of Nucleolipid-based drug-conjugate gelators

» [Ms. Charlotte Letailleur Lamonica](#), Ms. Léa Mulot, Dr. Arthur Klufts-Edel, Dr. Arnaud Gissot, Dr. Valerie Desvergné

Statistical Field Theory To Study Supercritical CO2 Under Confinement

» [Ms. Odette Tannous](#), Dr. Antoine Carof

Dimerization of Oxidized Phenols : Investigation of an Alternative Pathway towards Quassinoids Skeleton

» [Mr. Noé Klopocki](#), Prof. Patrick Y. Toullec, Dr. Philippe A. Peixoto

Minimal Core, Maximum Emission: Modular Amination of Single-Benzene Fluorophores

» [Dr. Enzo Nobile](#), Mr. Nikita Salov, Dr. Marie-Pierre Heck, Dr. Grégory Pieters

Towards the electrochemical molecular activation of dinitrogen with phthalocyanines

» [Mr. Kenberson Surin](#), Prof. Marc ROBERT, Dr. Dependu Dolui

A non-innocent, pi-extended N-Heterobicyclic Carbene-thiolate ligand

» [Dr. Vincent CESAR](#), Mr. Michael Marquardt, Mr. Korentin Lartigue, Mr. Richeek Debnath, Dr. Vincent Maurel, Dr. Jean-Marie Mouesca, Prof. Ivan Castillo, Dr. Stéphanie Bastin



Continued from **Wednesday, 24 June**

Tungsten oxide-based materials : syntheses, characterizations and depositions for photoelectrochemical applications

» Mr. Mattéo Prud'homme, Prof. Manuel Gaudon, Dr. Aleksejs Kuzmins, Dr. Aleksandr Kalinko, Dr. Aline Rougier

Influence du rapport oleylamine / acide oléique sur la taille et la morphologie des nanoparticules d'oxyde de fer synthétisées par voie micro-ondes

» Mrs. Cyrielle Hoffmann, Dr. Emmanuel Lamouroux, Dr. Solenne Fleutot

Mo2O2S2-thiosemicarbazone coordination complexes: from synthesis to properties.

» Dr. Diana Cebotari, Dr. Sergiu Calancea, Mr. Jules God--Carles, Ms. Naomi Boyer, Ms. Tessa Calta, Dr. Maxime Laurans, Dr. Mohamed Haouas, Dr. Jerome Marrot, Dr. Vincent Guerineau, Prof. Olivier David, Prof. Aurelian Gulea, Prof. Sebastien Floquet

Redefining access to Cyclic (Alkyl)(Amino) Carbenes: A versatile and tunable platform

» Ms. Samantha Kennedy, Dr. Marc Mauduit, Dr. Rodolphe Jazzar

Towards the controlled synthesis of polyfluoroacetylene

» Dr. Sara Bonfante, Prof. Jason Lynam, Dr. John Slattery

Chemical synthesis of molecular probes bearing polyphenolic stilbenoids for the study of their bacterial protein interactions

» Ms. Margot Zambon, Prof. Sébastien Vilain, Prof. Denis Deffieux, Prof. Stéphane Quideau

Methodological development of a [2+2] cyclodimerization of ortho-quinonoids: Towards the total synthesis of sclerocitrin

» Mr. Baptiste GEFPE, Mr. Kevin Balaire, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Towards the Total Synthesis of Geraniin

» Ms. Aurora Bossoni, Dr. Romain Larrieu, Ms. Anaëlle Cornu, Mr. Nathan Billard, Prof. Laurent Pouységu, Prof. Denis Deffieux, Prof. Stéphane Quideau

Stilbene Profiles Across Grape Cane Fractions and Savoie Cultivars: Links to Antioxidant Activity

» Dr. Aghiles Karim AISSAT, Dr. Audrey DAMIENS, Ms. Eléa Collange, Prof. Micheline DRAYE, Dr. Grégory CHATEL

Iron Tetraphenylporphyrin complex for CO2 electrochemical reduction and C-C bond formation

» Mr. Ulysse Garnier Viarouge, Prof. Marc ROBERT, Prof. Monica Calatayud

Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties

» Ms. Solène Foisneau, Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard

Polydopamine particles-stabilized Pickering Emulsions for catalytic applications

» Dr. Jean-François DECHEZELLES

Synthesis of ortho-Quinol-based [4+2]-Cyclodimers via Chiral Iodol-type λ^5 -Iodanes-mediated Hydroxylative Phenol Dearomatization

» Ms. zhaozhao sun, Ms. Anaëlle Cornu, Prof. Laurent Pouységu, Prof. Stéphane Quideau

Aryl and alkenyl triflates as electrophilic partners in palladium-catalyzed cross-coupling reaction with 1-thiosugars

» Dr. Lisa Bonin, Prof. Samir Messaoudi

"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise

» Mrs. Cécile Chamignon



Continued from Wednesday, 24 June

From Cluster Halides to Catalysts: Nanostructured Molybdenum Carbides for Efficient Hydrogen Evolution Reaction

» [Dr. Stephane Cordier](#), Dr. Guillaume Dubois, Mr. Sébastien Mathivet, Ms. Noee Dumait, Ms. Ludivine Rault, Dr. Corinne Lagrost, Dr. Fabien Grasset, Dr. Franck Tessier

Unveiling the Structural Complexity of [Katritzky:DIPEA] EDA Complexes and Their Implications in Photoinduced Alkylation: When Advanced NMR Meets In Situ Illumination

» Dr. Gautier Bourbon, [Dr. Margaux Riomet](#), Dr. Matthieu Hedouin, Mrs. Lina Truong, Prof. Philippe Jubault, Prof. Thomas Poisson, Prof. Hassan Oulyadi

A participative approach to reduce the environmental impact of research activities at the Chemical Sciences institute of Rennes

» Dr. Louise-Anne Cariou, Dr. Nicolas Cimetière, Prof. Karine Costuas, Dr. Fabienne Gauffre, [Dr. Guillaume Gouget](#), Mr. Edwin Perrot

Exploring syntheses in inorganic molten salts for the ligation of p-block elements to metal clusters

» [Ms. Faouzati Abdallah](#), Ms. Noee Dumait, Dr. Stephane Cordier, Dr. Guillaume Gouget

Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study

» [Mr. Chefikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery

Peptide coacervates as minimal compartments for prebiotic chemistry

» [Ms. Marie QUINCEROT](#), Ms. Ankita SAHU, Dr. Samantha CHAISE, Dr. Beatrice GERLAND, Dr. Colin BONDUELLE, Dr. Nicolas Martin

Cu/Pd Dual-Catalyzed Stereoselective Construction of Homoallylic Nitriles Featuring Vicinal Stereocenters and Their Post-Functionalization

» [Mr. Quentin Chevrier](#), Dr. Lilian Mimoun, Dr. Hamdi Sanaa, Dr. Cyril Nicolas, Prof. Isabelle GILLAIZEAU

Study of kinetics of hydration of new photoluminescent alkali lanthanide-free [SbW6O24]7- used for water detection.

» Prof. CARTIGNY Johann, [Ms. Sinali Linara Kasige Silva](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New glycosyl conjugates to address biological targets: an approach leading to the downregulation of KRAS proteins.

» Mr. Julien Verget, Dr. Faith Kivunga, Dr. Virginie Baylot, Dr. Jean Dessolin, Dr. Haythem Abda, Dr. Biju Majumbar, Ms. Léa Mulot, Dr. Henri Barry, Ms. Patricia Korzak, [Ms. Brune Vialet](#), Prof. Philippe Barthelemy

Study of the solid-state landscape of the (an)hydrated forms of K7[SbW6O24], a new type of turn-off luminescence humidity sensors.

» [Prof. CARTIGNY Johann](#), Prof. Rémi Dessapt, Mr. Léo Papin, Prof. Olivier Hernandez

New Alkali Lanthanide-free Polyoxometalate Salts with Highly Tunable Water-responsive Photoluminescence Properties

» [Mr. Léo Papin](#), Dr. Aurély Bagghi, Prof. Olivier Hernandez, Prof. CARTIGNY Johann, Prof. Rémi Dessapt

A Unified Approach to Aspidosperma and Eburnane Scaffolds towards Bis-indole Alkaloids

» [Dr. Emmanuel Valzer](#), Dr. Nicolas Girard

Synthesis of pyrrolidines as enzyme modulators targeting glucocerebrosidase: Application to Gaucher disease

» [Ms. Chedia Yaakoubi](#), Dr. Cecile Dehoux, Prof. Mohamed Lotfi Efrif, Dr. Aïcha ARFAOUI, Dr. Yves Génisson



Continued from **Wednesday, 24 June**

Lithium effect on lipid bilayer : The quest to understand lithium therapeutic mechanism in Bipolar Disease

» [Dr. Louis Bunel](#), Dr. Frédéric Pincet, Dr. Paul Heo, Dr. Jeff Coleman, Dr. Vladimir Adrien

Mono-, bis- and tri-benzimidazolium halobismuthates: hybrid organic-inorganic systems

» [Prof. Sara Cortés-Llamas](#), Ms. Loélia Perrault, Dr. Salem Ba Sowid, Prof. François Ribot, Prof. Dimitri Mercier, Prof. Louis Fensterbank

Synboli: Accelerating the development of high performance polymer materials through AI

» [Dr. Marion Boyet](#), Dr. Maksym Odnoroh, Mrs. Cassandre Motte, Mrs. Laura Misrachi, Mr. Vincent Simonet, Dr. Mathieu Pucheault

From Fluoroform (HFC-23) to Difluoromethylated Heterocycles via Trifluorovinylamine as a C2 reagent

» [Dr. Tan Sang TRUONG](#), Dr. Jonathan Decaens, Prof. Thomas Poisson, Prof. Philippe Jubault

Deep learning-assisted first-principles molecular simulations of divalent cation battery electrolytes

» [Mr. Aurélien Zavadil](#), Prof. Rodolphe Vuilleumier

Design and Self-Assembly of Non-Viral Nanovectors for Nucleic Acid Delivery in pediatric cancer

» [Mrs. Pauline Trousselier](#), Dr. Morgan Wloch, Mrs. Elora Bonzon-Dubos, Mr. Pierre Klein, Dr. Christophe Grosset, Dr. Valerie Desvergnès

Bioorthogonal Fluorogenic Cyclooctynes for Glycans Imaging

» [Mr. Luka Perrin](#), Dr. Jonathan Daniel, Dr. Mireille BLANCHARD-DESCE, Dr. Frederic Friscourt

New manganese half-sandwich platforms for N2 activation

» [Mr. Quentin Lepeintre](#), Dr. Laure Vendier, Prof. Marcus Drover, Dr. Antoine Simonneau

Bioinspired functional models of copper-containing Lytic Polysaccharide Monoxygenase

» Dr. Subhankar Sutradhar, Dr. Rébecca Leblay, Mr. Niccolò Nova, Dr. Bruno Faure, [Dr. Jalila Simaan](#)

COSMO-RS Prediction of Hydrocarbons EACNs Calibrated on the n-Alkanes Reference Scale

» [Prof. Jean-Marie AUBRY](#), Dr. Théophile Gaudin, Prof. Andreas Klamt

Sustainable protein recovery from almond press cake via natural deep eutectic solvents

» [Dr. Alexandra Gaspar-Pintilieșcu](#), Dr. Elena Mihai, Ms. Viorica Coroiu, Dr. Angela Port, Prof. Maria Duca, Dr. Oana Craciunescu

Development of PLA beads with electromagnetic properties for biological applications

» [Ms. Liana Delevingne](#), Dr. Frédéric Delbecq, Dr. Houcine Mhemdi

Visible-light decarboxylative functionalization of fatty acids using allylic aryl sulfones

» [Mrs. Sarah Altakach](#), Dr. Till Bousquet, Prof. Lydie Pélineski

“Brønsted Acid-Catalyzed Hydroamination of Benzylidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)”

» [Mrs. Claire LAURENT](#), Dr. David LEBOEUF

In situ fluorescent tracking of ROPISA processes using NCA-based probes

» [Ms. Emma Lalanne](#), Dr. Dalel EL MARROUKI, Mr. Amin El Jarroudi Hammou, Dr. Anh Thy Bui, Dr. Chloé Grazon

Light-induced three-component radical cascade: synthesis of allylbenzenes and 5-phenyl-pent-1-enes

» [Dr. Nicolas Joly](#), Dr. Margaux Riomet, Prof. Philippe Jubault, Prof. Thomas Poisson



Continued from **Wednesday, 24 June**

Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Iérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson

New polyfunctional ligands for oxide surfaces. Application to the protection of light alloys.

» [Ms. Loélia Perrault](#), Ms. Mathilde Michaux, Ms. Christina Skoumas, Prof. Dimitri Mercier, Prof. François Ribot, Prof. Louis Fensterbank

Copper(I) Hybrid Materials: Insight into their Luminescence Stimuli-Responsive Properties

» [Ms. Giorgia Castellan](#), Prof. Olivier Hernandez, Dr. Jean-Yves Mevellec, Prof. Camille Latouche, Dr. Sandrine PERRUCHAS

Fine-Tuned Force Fields for Chromophores in Organic and Deep Eutectic Solvents

» [Ms. Dana Dastan](#), Dr. Abderrahmane Semmeq, Dr. Giacomo Prampolini, Prof. Francesca Ingrosso

Unlocking new C-OCF₃ bond transformations

» [Dr. Arushi Garg](#), Mr. Zhenbang Chang, Mr. Mengyu Xu, Dr. Tatiana Besset

Upcycling tire waste into epoxy-phosphonate vitrimers via olefin cross-metathesis

» [Dr. Alexis Perrot](#), Mr. Edgar FONDIMARE, Prof. Isabelle Dez

Comparative study of Ni catalysts supported by silica and modified by metal addition Co for the steam reforming of methane

» [Mr. Ali ZAZI](#), Mrs. Ouiza Cherifi

Enhancing FRET Efficiency with Fluorescent Nanoparticles

» [Mr. Elvin Le Tallec](#), Dr. Chloé Grazon, Dr. Dalel EL MARROUKI, Mrs. Clara Catros, Mr. Vincent Mariani

Metal oxide based heteronanostructures for heterogenous photocatalysis in liquid phase

» [Mr. Ugo Serdan](#), Dr. Jean-Pierre Delville, Dr. Marie-Hélène Delville, Prof. Thierry Toupance

Development of fluorescent boron derivatives

» [Dr. Emeric Montinho Inacio](#), Mr. Gabin Lalande, Dr. Laurent Chabaud, Dr. Mathieu Pucheault

Synthesis of multifunctional hetero-poly-metallic complexes: Optical probes for magnetic characterization

» [Ms. Hong Nhung NGUYEN](#), Dr. Constance Lecourt, Ms. Lamia Aboulharjan, Mr. Mohamad Elhasan Salman, Dr. Olivier Maury, Mr. Jérémy Forté, Dr. Sébastien Pillet, Mr. Artem Mikhailov, Mr. El-Eulmi Bendeif, Dr. Valérie Marvaud

Photocatalyzed Electrochemiluminescence Imaging of Patterned TiO₂ for Local Reactivity Mapping

» [Ms. Anaga Vinod](#), Dr. Bertrand Goudeau, Mr. Thomas Cottineau, Ms. Maryem Rahmani, Prof. Neso Sojic, Dr. Gabriel Loget

Multicomponent reactions on the biobased 5-HMF platform: access to new nitrogen containing heterocyclic compounds

» [Dr. YVES QUENEAU](#), Dr. Jingjing Jiang, Dr. Weigang Fan, Prof. Florence Popowycz

Colocalization Studies in Lysosomes Using Rhodol and Rhodamine-based Fluorescent Probes and LysoTracker Deep Red®

» [Mr. Francesco Mariani](#), Dr. Mebarek Saida, Dr. Michele Fiore

Designing MOF Electrodes for Urea Oxidation

» [Mr. Phirom Boun](#), Dr. Supattra Somsri, Dr. le Rang Jeon, Dr. Gabriel Loget

Radio-iodination of aryl-boronated species

» [Dr. Ulises Carrillo](#), Prof. Thomas Cailly, Mr. Lucas Verget

Upcycling of end-of-life tire rubber into vitrimers through transesterification

» [Mr. Edgar FONDIMARE](#), Prof. Loïc Le Pluart, Prof. Isabelle Dez



Continued from Wednesday, 24 June

Plasmon-Activated Molecular Catalysis Applied to Orthogonal Relay Catalysis

» [Mr. Maxime Cousseau](#), Dr. Clémence Queffélec, Dr. Mireia Rodriguez-Zubiri

Upcycling Cheese Whey into Plant-Based Kefir: A Hybrid Approach for Sustainable Functional Beverages

» [Ms. Sinem KELES](#)

Lytic Polysaccharides MonoOxygenases, copper enzymes for the valorization of recalcitrant polysaccharides

» [Mr. Axel Delétoile](#), Mr. Niccolò Nova, Ms. Iris Wehrung, Dr. Maylis Orio, Dr. Alexandre Ciaccafava, Dr. Jalila Simaan

Unlocking new N-Heterocycles through hydrocyanation of ynamides

» [Ms. wenwen yang](#), Mr. Dorian SCHUTZ

A chemical reactor for peptide formation, elongation and accumulation on the Primitive Earth, and its implication for the emergence of homochirality

» [Prof. Grégoire Danger](#), Ms. Salomé Lagasse, Dr. Laurent Boiteau, Dr. Robert Pascal

Exploring the pyrrolopyrimidine scaffold in drug discovery

» [Mrs. Lindita Lari](#), Dr. Sandra Albenque, Ms. Solène Savrimoutou, Dr. Stéphane Moreau, Prof. Jean Guillon, Prof. Vanessa Desplat

Redox-Active Self-Assembled Molecular Cages: From Supramolecular Masking to Rotaxane Wheels

» [Ms. MALIKA ALSHAB](#), Prof. Marc Sallé, Dr. Sébastien Goeb

New lithium ion alkoxy silane based salts with versatile use in liquid and solid-state electrolyte for lithium-ion batteries

» [Mr. Clement Coltin](#)

Rearrangement of 2-(γ -aminopropyl)benzoxazoles into 2-(α -pyrrolinylamino)phenols: from mycobacterial phosphopantetheinyl transferase crystallographic fragment screening to serendipitous reaction discovery.

» [Mr. Dylan El Faudel](#), Mrs. Judith Alric, Mr. Gabriel Publicola, Dr. Coralie Carivenc, Dr. Chantal Carayon, Dr. Frédéric Robert, Dr. Stéphanie Ballereau, Dr. Lionel Mourey, Prof. Laurent Maveyraud, Dr. Yves Génisson

Synthesis of an antimicrobial peptide active against *Streptococcus mutans*: integration of AI-assisted design

» [Dr. Enzo Eddebbarih](#), Dr. Johan Samot, Prof. Akka Zemmari, Dr. Laurent Chabaud, Prof. Emilie Genin

Coupled Polymethine Dyes: Let's Have a Second Slice of π

» [Dr. Simon Pascal](#), Dr. Benjamin Mourot, Dr. Tatiana Munteanu, Dr. Carmelo Naim, Prof. Gabriel Canard, Dr. Olivier Siri, Prof. Denis Jacquemin

Electrocatalytic reduction of nitrite ions by mononuclear copper complexes

» Dr. Amira Mahmoud, Mr. Abdeljalal Outalha, Dr. Emmylyne Cuza, [Prof. Françoise Conan](#), Dr. Nicolas Le Poul

2-Pyridylidene ligands: From ligand properties determination to gold catalysis.

» [Mr. Jordan Courtois](#), Dr. Lucie Jarrige

Controlled Pt doping of silica-supported Ni nanoparticles through surface organometallic chemistry on metals: application as catalysts for selective hydrogenation reactions

» [Dr. Alejandra Zuluaga](#), Dr. Chloe Thieuleux, Dr. Clément CAMP, Dr. Laurent Vanoye, Dr. Régis Philippe, Dr. Romain Réocreux, Mr. Laurent Veyre

"CRISPR Reveals the Evolutionary Arms Race Between *Oenococcus* and Phages"

» [Dr. YASMA BARCHI](#)



Continued from **Wednesday, 24 June**

Exciton Pumping: a Novel Pathway for Solid-State High-Harmonic Generation

» [Mr. Ruben Narwa](#), Dr. Antonio Picón

Valorisation chimique et biologique d'Ephedra alata : une source durable de molécules bioactives pour les défis thérapeutiques futurs

» [Ms. Zineb Chetouh](#)

Molecular Docking and DFT calculation of Metronidazole-Cobalt complex

» [Mrs. HENNIA SLAOUTI](#)

Aldol condensation of furfural and acetone catalyzed by a new catalyst Mg-Al-NH₂-hydrotalcite-like

» [Mr. SAID ARHZAF](#), Mr. MOHAMMED NACIRI BENNANI, Mr. JAMAL HOUSSAINI

10:10am Organic chemistry

Main Auditorium

Chaired by: Mrs. Aurélie Claraz

10:10am Recent breakthrough in SF₅ alkyne chemistry: Versatile building blocks to access molecular complexity

» [Mr. Lucas POPEK](#)

10:40am N-Alkoxyacrylamides in domino reactions: powerful tools for the access to polyfunctionalized δ -lactams

» [Dr. Sébastien COMESSE](#), Dr. Ismail Alahyen, Dr. Axelle Genty, Dr. Philippe Champetter, Prof. Vincent Dalla, Dr. Catherine Taillier, Dr. Laure Benhamou

10:55am Design of bis-electrophilic reagents for the highly chemoselective intramolecular acyl transfer of diamines

» [Dr. Julien ANNIBALETTO](#), Prof. Cyril BRESSY, Mrs. Khadija Ait Moulay

11:10am Statistical Approach-Guided Development of a Sustainable Copper- and Amine-Free Sonogashira Cross-Coupling Reaction in Ethanol

» [Dr. Sokaina Hammoud](#), Dr. Lydia Ouadfel, Dr. Laurence Grimaud, Dr. Alice Balfourier, Dr. Maxime R. Vitale, Dr. Martine Schmitt, [Dr. Frederic BIHEL](#)

11:25am A Radical-Based, Transition Metal-free Approach for Diaryl Ketone Synthesis

» [Dr. Yinpeng WANG](#), Prof. Marc Taillefer

11:40am Prebiotic formation of thioesters via cyclic anhydrides as a key step in the emergence of metabolism

» [Dr. Véronique Blandin](#)

11:55am Iron catalysis for the exploitation of unprotected sugars and polyols derived from biomass

» [Dr. Laure Benhamou](#), Dr. David Branquet, Dr. Antoine Lancien, Mr. Fabian Cuffel, Dr. Uchchal Bandyopadhyay, Dr. Sébastien COMESSE, Prof. Arnaud Martel

10:10am Organic chemistry

Auditorium A

Chaired by: Dr. Cyril Ollivier

10:10am Surface Immobilised Coordination Cages for Switchable Host-Guest Chemistry

» [Ms. Sindooru Suresh](#), Dr. Eric Levillain, Prof. Marc Sallé, Dr. Christelle Gautier, Dr. Sébastien Goeb

10:25am Nitrogen-doped π -extended perylene diimide-based chromophores for optoelectronic applications

» [Dr. Oumaima ABIDI](#), Dr. Antoine Goujon

10:40am Cyclopropanation of alkenes via carbene generation from acylsilanes

» [Dr. Jérémy Saiter](#), Dr. Raphaël Dollet, Prof. Philippe Jubault, Prof. Thomas Poisson



Continued from **Wednesday, 24 June**

- 10:55am **Unlocking new C-OCF3 bond transformations**
» [Dr. Arushi Garg](#), Mr. Mengyu Xu, Mr. Zhenbang Chang, Dr. Tatiana Besset
- 11:10am **Development of π -conjugated chromophores for their insertion into carbon nanotubes**
» [Dr. Guillaume Noirbent](#), Mr. Alexandre Koulechhoff, Dr. Patrick Hermet, Prof. Jean-Louis Bantignies, Prof. Laurent Alvarez, Dr. Claude Niebel, Dr. Jean-Noël Volle, Dr. Thibaut Jarrosson, Prof. Françoise Serein-Spirau
- 11:25am **Chiral Fluorenyl Radicals: Integrating Open-Shell Chemistry with Spin-Dependent Optical Properties**
» [Ms. Anastasiia Rysich](#), Dr. Ludovic Favereau, Dr. Julien Boixel
- 10:10am **Catalysis**
Auditorium B
Chaired by: Eric Marceau and Mr. Ludovic Pinard
- 10:10am **Zeolite & Coke**
» [Mr. Ludovic Pinard](#)
- 10:40am **The effect of acid-base site strength, distribution and nature on the dehydration of isopropanol to propylene**
» [Mr. Tristan Cabanis](#), Dr. Aline Auroux, Dr. Jean-Luc Dubois, Prof. Nicolas Sbirrazzuoli, Dr. Georgeta Postole
- 10:55am **B-site doping in LaFeO3 (B = Co, Ni, Cu) to unlock ideal H2/CO ratio in Chemical Looping Dry Reforming of CH4 (CL-DRM)**
» [Dr. Ganesh Jabotra](#), Dr. Pradeep Kumar Yadav, Prof. Sébastien Royer, Prof. Lorenzo Stievano, Dr. Moulay Tahar Sougrati, Dr. Jean Philippe Dacquain, Dr. Axel Löfberg, Dr. Maya Marinova, Prof. Hervé Vezin, Dr. Sudhanshu Sharma

- 11:10am **Atomic Layer Deposition of Highly Dispersed Ni Nanoclusters on CeO₂-MgO for Efficient CO₂ Methanation**
» [Dr. Michel Obeid](#), Dr. Abdelilah Bayout, Dr. Vyshnav Kannampalli, Ms. Caryn Youssef, Dr. Lionel Santinacci, Dr. Damien Voiry, Dr. Chrystelle Salameh
- 11:25am **Silica-Supported NbIr and MoIr Catalysts for Efficient Arene Hydrodefluorination and Methane Ammonia Reforming Catalysis**
» [Dr. Clément CAMP](#), Dr. Zachary Dubrawski, Mr. Laurent Veyre, Dr. Chloe Thieuleux
- 11:40am **Pickering interfacial catalysis with ultra-small gold nanoparticles-grafted silica particles for base-free and selective alcohol oxidation**
» Dr. Jordan Bassetti, Dr. Yaoyao Feng, Ms. Xiaoyi Huang, Prof. Marc Pera-Titus, Prof. Véronique Nardello-Rataj, [Dr. Jean-François DECHEZELLES](#)
- 10:10am **Industrial chemistry**
Auditorium D
Chaired by: Antoine Fécant and Dr. MICHEL PHILIPPE
- 10:10am **Smart Sustainability: Data-Driven Solutions from Input Materials to Waste Management across the Value Chain !**
» [Mr. Michael LUESCHER](#)
- 10:40am **De la demande applicative à la synthèse organique responsable: La démarche Syensqo**
» [Mr. nicolas roques](#)
- 11:10am **Renewable & Recycled monomers: Levers to Transform the Value Chain**
» [Ms. Garance Lopitiaux](#), Ms. Anne-Lise Thuillez
- 10:10am **Solid state chemistry**
Auditorium E
Chaired by: Ms. Jacinthe GAMON



Continued from **Wednesday, 24 June**

- 10:10am **New MCuFe2O5 (M = Mn and Co) High-Pressure Oxides**
 » Dr. Leelashree Solaiappan, Dr. Clemens Ritter, Dr. Olivier Mentre, Dr. Angel Arevalo-Lopez
- 10:40am **Structural Insights into Phosphate Langbeinites: Foundations for Future Polar Dielectric and Magnetoelectric Studies**
 » Ms. Intissar Driouech, Ms. Intissar Driouech, Dr. Olivier Toulemonde, Prof. Mohamed Saadi, Prof. Jamal Khmiyas
- 10:55am **Ageing mechanisms and regeneration of LMFP/NMC blend cathode material**
 » Mr. Nawfel El Mazouni, Mr. Loïc Reboullet, Prof. Lorenzo Stievano, Dr. Nadir Recham, Dr. Laure Monconduit, Dr. Moulay Tahar Sougrati
- 11:10am **Mechanochemistry applied to enantiopurification via deracemization at the solid-state: proof of concept and chiral orientation.**
 » Dr. LOPES Chrystal, Dr. BRANDEL Clément, Mr. LEROY César, Ms. LAURENCIN Danielle, Prof. CARTIGNY Yohann
- 11:25am **MOF Shaping: Macro-Microporous hybrid material for NOx adsorption**
 » Mr. Ervin PROZSA, Dr. Michael CARBONI, Dr. Arnaud POULESQUEN, Dr. Vanessa PROUST, Dr. Jérémy Audevard
- 11:40am **From BiVO 4 Tetragonal Spheres to Monoclinic Plates: Hydrothermal Crystalline Transformation with Size Control**
 » Prof. Thierry Toupance
- 10:10am **Physical chemistry**
Auditorium F
 Chaired by: Dr. Carine Clavaguera
- 10:10am **Paramagnetic NMR with actinides**
 » Dr. Claude Berthon, Dr. Hélène Bolvin, Dr. Clovis Poulin-Ponnelle, Dr. Matthieu Autillo, Dr. Marie-Claire Saint-Louis, Dr. Steve Jan, Dr. Thomas Wall, Dr. Md Ashraful Islam

- 10:40am **New heptazines derivatives: synthesis and photophysical properties**
 » Dr. Clemence ALLAIN, Dr. Lucas Frédéric, Dr. Laurent Galmiche, Prof. Pierre Audebert
- 10:55am **Plasmon-Assisted Photopolymerization Enables Nanoscale MIP Patterning for Advanced Chemical Sensing**
 » Dr. Amine Khitous, Dr. Céline Molinaro, Dr. Olivier Soppera
- 11:10am **Photochemically driven fractionation of even and odd Hg stable isotopes during Monomethylmercury (MMHg) photodegradation in natural waters: influence of thiol ligands on reaction rates and pathways**
 » Dr. Elaheh Lotfi Kalahroodi, Dr. Emmanuel Tessier, Dr. Mickael Le Behec, Ms. Océane Asensio, Dr. Isabelle Worms, Dr. João P Santos, Prof. Thierry Pigot, Prof. Vera Slaveykova, Dr. David Amouroux
- 11:25am **Operando Fluorescence Imaging of Bipolar Electrodes for Robust Quantification of Diffusion-Layer Dynamics**
 » Mr. XIN WU, Dr. Guillaume Longatte, Dr. Laurent Bouffier, Prof. Alexander Kuhn, Dr. Bertrand Goudeau
- 11:40am **Harnessing the full conformational landscape of an accessible phenanthrene-bridged diarylethene for chiroptical properties**
 » Mr. Elias Djanffar, Dr. Nicolas Vanthuyne, Dr. Arnaud Fihey, Dr. Elsa Caytan, Prof. Rémi Dessapt, Dr. Julien Boixel
- 11:55am **Expanding the Molecular Toolbox for Circularly Polarized Electrochemiluminescence**
 » Ms. Francesca Romana Lauro, Mr. Mattia Fausti, Dr. Lorenzo Arrico, Prof. Francesco Zinna, Prof. Federico Polo, Dr. Laurent Bouffier, Prof. Lorenzo Di Bari, Prof. Matteo Mauro, Prof. Neso Sojic
- 10:10am **Education / training**
Auditorium G
 Chaired by: Prof. Julien BONIN



Continued from **Wednesday, 24 June**

10:10am **Proposer des espaces d'expérimentation pédagogique en licence : de la pratique à la recherche-action à travers l'exemple d'Unlock-TD**

» [Ms. Caroline Cannizzo](#), Mr. Cédric Vanhoolandt, Ms. Teresa Lopo

10:40am **Transition écologique pour un développement soutenable en Master Chimie – comment développer une articulation étroite avec la recherche ?**

» [Prof. Stefan CHASSAING](#), Dr. Valérie BÉNÉTEAU

10:55am **Du microscopique au macroscopique : gamification de l'apprentissage des interactions intra- et intermoléculaires.**

» Dr. Olga Reinauer, Dr. Alaric Kohler, [Dr. Philippe Massiot](#)

11:10am **Des outils numériques pour enseigner les pratiques expérimentales**

» [Mr. Cédric d'Ham](#)

11:40am **"À quoi ça sert ?" : enseigner la RMN par les usages pour des chimistes non spécialistes, du Master à l'entreprise**

» [Mrs. Cécile Chamignon](#)

11:55am **Hybrider son enseignement de chimie grâce à Unisciel**

» [Dr. Nicolas Rabasso](#)

12:10pm **Involving personnel and students in the environmental transition of Chemistry research: 'Ma Terre' workshops to disseminate knowledge, develop skills, and initiate action in their institute**

» [Dr. Guillaume Gouget](#)

11:40am **Industrial chemistry / Sustainable chemistry - round table**

Auditorium D

11:40am **Table Ronde Session DCI-Div CD : Réflexion sur l'innovation durable pour la chimie industrielle**

» [Mr. Michael LUESCHER](#), Mr. nicolas roques, Ms. Anne-Lise Thuillez, Ms. Garance Lopitiaux

12:10pm **Lunch**

Lunch Area

1:10pm **Organic chemistry**

Main Auditorium

Chaired by: jerome canivet

1:10pm **Valorisation of Cashew Nut Shell Liquid for surfactant applications and binders**

» [Dr. ESTELLE METAY](#)

1:40pm **Last-stage functionalization of alloxazines and their applications in photocatalysis**

» [Mr. Amael Grégoire](#), Prof. Marine DESAGE-EL MURR

1:55pm **Heptazine chemistry development supporting molecular design for diverse applications**

» [Dr. Julie Andrez](#), Mr. Aurélien Huet, Dr. Benjamin Louis, Dr. Ahmed Ait Khouya, Mr. Yves Chenavier, Dr. Renaud Demadrille, Dr. Jacques Pécaut, Dr. Lionel Dubois

2:10pm **Photocatalytic desulfurization of benzylic thioethers**

» [Mr. Erwan Meunier](#), Dr. Arnaud Espied, Dr. Illia Ruzhylo, Dr. Tatiana Besset

2:25pm **Unusual Non-linear Effects in Asymmetric Catalysis**

» [Mr. Joseph EL KHOURY](#), Dr. Thibault THIERRY, Dr. Yannick GEIGER, Dr. Stéphane BELLEMIN-LAPONNAZ

2:40pm **Novel synthetic pathway for the trifluoromethylation of indolizines by electron donor-acceptor complexes**

» [Dr. Corinne Coutant](#), Mr. Jean-Fabrice Koffi, Ms. Lielou Lantignier, Dr. Christine Tran, Prof. Abdallah Hamze, Prof. Sandrine Piguel

2:55pm **"Brønsted Acid-Catalyzed Hydroamination of Benzylidenecyclobutanes and Related Compounds in Hexafluoroisopropanol (HFIP)"**

» [Mrs. Claire LAURENT](#), Dr. David LEBOEUF



Continued from **Wednesday, 24 June**

- 1:10pm **Sustainable chemistry**
Auditorium A
Chaired by: Dr. Grégory CHATEL and Prof. Stefan CHASSAING
- 1:10pm **GENERATING AND TAMING TRANSIENT SPECIES IN FLOW REACTORS: APPLICATION IN ORGANOLITHIUM CHEMISTRY AND OXIDATION REACTIONS**
» [Mr. Julien Legros](#)
- 1:40pm **Comparative life cycle assessment of solution and mechanochemical syntheses of a triphenylamine derivative**
» Mr. Paul Mahé, Dr. Iheb Driouech, Dr. Mireille BLANCHARD-DESCE, [Dr. Jonathan Daniel](#), Dr. Philippe Loubet
- 1:55pm **Machine Learning-guided twin-screw extrusion for solvent-free, catalyst-free amide synthesis**
» Mr. Matthieu Lavayssiere, Prof. Xavier Bantreil, [Dr. Frédéric Lamaty](#)
- 2:10pm **Win-Win Association of Eco-friendly Activation Techniques with Natural Deep Eutectic Solvents for Organic Synthesis: A Comparative Study**
» [Mr. Chefikou SALAMI](#), Prof. Leslie Boudesocque-Delaye, Prof. Jérôme Thibonnet, Dr. Pierre-Olivier Delaye, Dr. Emilie Thiery
- 2:25pm **Bio-inspired NHC-Organocatalysis in Hydrophobic Aqueous Coacervate Droplets**
» [Dr. Tushar Khopade](#), Dr. Nicolas Martin, Dr. Valerie Desvergnès
- 2:40pm **Synthesis of Rare Ketoses from Glycolaldehyde via C2 Elongation of Aldoses Catalyzed by Transketolase Variants**
» [Mrs. Camille Gadona](#)

- 1:10pm **Energy**
Auditorium B
Chaired by: Frederic Jaouen and Dr. Yann Pellegrin

- 1:10pm **Solutions de stockage d'énergie : batterie et hydrogène sont-ils complémentaires ou compétiteurs ?**
» [Mr. Aymeric Canton](#)
- 1:40pm **An innovative way to access the ionic conductivity of thin high temperature electrolyser cell electrolyte**
» [Mr. Matthieu Ramond](#), Mr. Sébastien Fourcade, Mr. Gunay Yildirim, Dr. Yolande Murat, Dr. Frédéric Le Cras, Prof. Fabrice Mauvy
- 1:55pm **Molybdenum MXene-based electrocatalysts for the hydrogen evolution reaction**
» [Mr. Valentin Fogiel](#), Dr. Stéphane Célérier, Prof. Cláudia Morais, Prof. Aurélien Habrioux
- 2:10pm **CO2 electroreduction in a membrane electrode assembly (MEA) electrolyzer: cell potential optimization**
» [Ms. Candice Pérou](#), Dr. Domenico Grammatico, Dr. Ngoc Huan Tran, Prof. Marc Fontecave
- 2:25pm **Organometallic synthesis of alloyed nickel-copper nanoparticles for the electrocatalytic hydrogen evolution reaction**
» [Dr. Karine PHILIPPOT](#), Dr. Tatiana STRAISTARI, Dr. Nuria ROMERO, Dr. Jérôme ESVAN, Dr. Marcos GIL SEPULCRE, Prof. Catherine AMIENS, Prof. Olaf RUEDIGER, Prof. Serena DeBeer, Prof. Sara CAVALIERE
- 2:40pm **Design of anodic electrocatalysts based on group VI transition metals for water oxidation and hydrogen generation**
» [Ms. Lucica Gabriela Boc](#), Dr. Clément Falaise, Prof. Loïc Assaud
- 2:55pm **Climate Impulse, first hydrogen airplane to fly around the world**
» [Dr. Amandine Cuenca](#)
- 1:10pm **Coordination chemistry**
Auditorium D
Chaired by: Prof. Gilles Lemerrier
- 1:10pm **Chalcogen bonding interactions in the solid state: π -hole activation in organo-selenium heterocycles**
» [Dr. Marc Fourmigue](#)



Continued from Wednesday, 24 June

- 1:40pm **Synthesis and characterization of the switching properties of redox active hybrid polyoxometalates**
 » Mr. Abdourahim Hammani, Ms. Emma Aoustin, Dr. Richard MATTANA, Prof. Pierre Seneor, Dr. Florence Volatron
- 1:55pm **Mechanism of Sr(II) extraction by diglycolamides in nuclear fuel**
 » Ms. Lucile Golfier, Dr. Marie Simonnet, Mr. Damien Bourgeois
- 2:10pm **Amphiphilic polymeric nanoreactors containing Ir(I)-NHC complexes for aqueous biphasic borrowing hydrogen catalysis**
 » Dr. Nihal Tabasi, Dr. Eric Manoury, Prof. Rinaldo Poli, Dr. Agnès Labande, Prof. Süleyman Gülcemal, Prof. Derya Gülcemal
- 2:25pm **Structure - Properties Relationship in Coordination Compounds of Amidine-N-oxide (AMOX) Ligands**
 » Prof. Mihaela Cibian
- 2:40pm **Cu(I) complexes with bidentate NHC-phosphine ligands: synthesis and physico-chemical properties**
 » Ms. Solène Foisneau, Mr. Killian Henault, Dr. Ginevra Giobbio, Mr. Jean-François Lohier, Dr. Sylvain Gaillard
- 2:55pm **Cuprous ions binding to Cytosine and Guanine-rich Molecules: towards the use of therapeutic DNA materials for Alzheimer's disease**
 » Ms. Joana Pereira, Prof. Philippe Barthelemy, Dr. Bruno ALIES
- 1:10pm **Solid state chemistry**
Auditorium E
 Chaired by: Dr. Pierre Bonnet
- 1:10pm **Solution-Processed Photonic Multilayers for Next-Generation Microcavity OLEDs**
 » Mr. Zaid Sawalmeh, Ms. Mélanie Bousquet, Mr. Džiugas Litvinas, Prof. Éric Cloutet, Prof. Mamatimin ABBAS, Prof. Malte Gather, Prof. Cyril Brochon, Prof. Natalie Stingelin

- 1:25pm **Original nano-architected BN coatings for new materials in aircraft engines**
 » Mr. Alexandre Mounérat, Dr. Hervé Plaisantin, Dr. Sylvain Jacques, Dr. Julien Danet, Dr. Georges Chollon
- 1:40pm **Gas sorption using dynamic and static methods for a variety of MOFs**
 » Dr. Jérémy Audevard, Mr. Ervin PROZSA, Mr. Patrick Pochon, Dr. Michael CARBONI, Dr. Daniel Meyer
- 1:55pm **Synthèse durable du grenat tellurate CaZnTeO_6 dopé aux terres rares : propriétés de photoluminescence et élaboration de céramiques translucides par frittage flash**
 » Mr. Lucas Grange, Ms. Emma Pucheu-Plante, Ms. Graziella Guy, Mr. Fabien Remondière, Ms. Jenny Jouin, Mr. Jean-Rene Duclere
- 2:10pm **Dye-doped silica nanostructures: reliable heterogeneous photosensitizers for water remediation**
 » Dr. Yann Pellegrin, Prof. Valérie Héquet
- 2:25pm **Development and Characterisation of a Nanocomposite Proton Exchange Membrane Based on Poly(Vinyl Alcohol) with Layered Double Hydroxides for Proton Exchange Membrane Fuel Cells (PEMFC).**
 » Ms. ICHRAK FETTAH, Ms. Doha Belfadil, Ms. asiya Rezzouq, Prof. Sanaa MAJID
- 1:10pm **Physical chemistry**
Auditorium F
 Chaired by: Dr. Essyllt Louarn
- 1:10pm **Mass Spectrometry: an Opportunity for Data Storage in Digital Polymers**
 » Ms. Laurence Charles



Continued from **Wednesday, 24 June**

1:40pm **Nanoprojectile Secondary Ion Mass Spectrometry: from assessing capture surface preparation to individual extracellular vesicle analysis**

» [Dr. Pierre Hirchenhahn](#), Dr. Stanislav Verkhoturov, Ms. Victoria Cura, Dr. Thanh Qui Nguyen, Dr. Daheui Choi, Prof. Miachael Eller, Prof. Emile A. Schweikert

1:55pm **Title : Taylor Dispersion Analysis of Nanoparticles: Cumulative Spectroscopic Detection and Hyphenation to Charge-Detection Mass Spectrometry in the Giga-Dalton Range.**

» [Dr. Séléna Ferreres](#), Dr. Tessa Reinert, Ms. Lilou Duplantier, Dr. Sylvain Maclot, Mr. Charbel YARED, Dr. Matthieu Loumagne, Dr. Emmanuel Schaub, Dr. Rodolphe Antoine, Dr. Martinus Werts

2:10pm **Probing the Diffusion of Molecular Dyes by Taylor Dispersion Analysis with a Conventional Spectroscopic Flow Cell Detector**

» [Mr. Charbel YARED](#), Dr. Séléna Ferreres, Dr. Matthieu Loumagne, Dr. Martinus Werts

2:25pm **Impact of forest fires on the organic contamination of aquatic ecosystems: non-targeted screening of burnt material and water samples**

» [Dr. Lisa Lahens](#), Mr. Emmanuel Geneste, Dr. Marie-Hélène Dévier, Dr. Hélène Budzinski

2:40pm **Controlling Intermolecular Interactions in Perylene Diimide Monolayers through Molecular Geometry**

» [Mr. Yanis Ntalagana](#), Dr. Olivier ALEVEQUE, Dr. Eric Levillain, Dr. Marylene Dias, Dr. Christelle Gautier, Mr. Etienne Pacaud

2:55pm **Photoinduced single-electron transfer in a gold(III) catecholate charge-transfer complex for aryl radical generation: a combined experimental and theoretical study**

» [Dr. Juan José Gamboa Carballo](#), Dr. Miguel González Noguera, Dr. György Szalóki, Prof. Didier Bourissou, Dr. Karinne Miqueu

3:10pm **Grand awards and plenary**

Main Auditorium

Chaired by: Eric Marceau

3:10pm **Fibrous Matter: From Spider Silk to Synthetic Hairballs**

» [Mr. Philippe Poulin](#)

3:30pm **Nature as a Source of Reflection and Solutions**

» [Mrs. Claude Grison](#)

4:10pm **Closing Ceremony**

Main Auditorium