

# **Plan du site**

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# **Programme du 19 juin**

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| **09h30-09h45** | **Accueil café** | **Hall Hub** |
| **09h45-10h00** | **Mot d’accueil** | **Amphi Hub** |
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| 10h00-11h00 | Conférence 1  *Modératrice : Christine Frayret* | Amphi Hub |
|  | Modulation of RE3NbO7 (RE= rare earth) composition: toward the elaboration of new transparent ceramic as infrared LASER sources  ***Pr Véronique Jubera****, ICMCB, Bordeaux* |  |
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| 11h05-12h05 | Session Chimie Organique  *Modérateur : Jean-Philippe Bouillon* | Amphi EIJV |
| 11h05-11h20 | In-situ generated boronic acid esters: their use as Lewis acid catalysts  ***Ava Bousselat*** |  |
| 11h20-11h35 | Evaluation of plasticizer sequestration by filters and development  of a modified filter for their capture  ***Braulio Reyes Suarez*** |  |
| 11h35-11h50 | New approach to the angucycline antibiotics via transition-metal catalyzed [2+2+2]cyclotrimerization  ***Nela Beytlerova*** |  |
| 11h50-12h05 | Structural deciphering of polyesters by mild depolymerization  & advanced mass spectrometry  ***Bayan Almasri*** |  |
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| 11h05-12h05 | Session Chimie Inorganique et Hybride  *Modératrice : Da Huo* | Amphi Hub |
| 11h05-11h20 | The Effect of Layered Double Hydroxide Modifications  on CoCuAl Oxide for CO2 Purification of Industrial Flue Gas  ***Anthony Abou Rahhal*** |  |
| 11h20-11h35 | Self-healing glass seal for SOEC/SOFC  ***Raphaël Voivenel*** |  |
| 11h35-11h50 | Ultrasonic Synthesis and Optimization of Ti3C2TX Type MXenes  for Energy Storage  ***Mamadou Barry*** |  |
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| **12h05-13h40** | **Pause déjeuner** | **Resto U** |
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| 13h40-14h40 | Conférence 2  *Modérateur : Pascal Roussel* | Amphi Hub |
|  | Batteries and the energy transition  ***Pr Philippe Poizot****, IMN, Nantes* |  |
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| 14h45-15h30 | Session Chimie Organique  *Modérateur : Corentin Lefebvre* | Amphi EIJV |
| 14h45-15h00 | Photophysical studies of Cu(I) complexes with bidentate  NHC-phosphine ligands  ***Solène Foisneau*** |  |
| 15h00-15h15 | Production of Polyols from Linseed Oil by  Reductive Hydroformylation  ***Walid Abdallah*** |  |
| 15h15-15h30 | Biodegradable polyesters structural identification  ***Wisal Laiti*** |  |
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| 14h45-15h30 | Session Chimie Inorganique et Hybride  *Modératrice : Muriel Bigan* | Amphi Hub |
| 14h45-15h00 | Bottleneck size manipulation through large radius alkali ions in the Na site of a NaSICON solid electrolyte: A Proof of Concept  ***Marco Brasini*** |  |
| 15h00-15h15 | Characterization of NaNbO3 thin films by Raman spectroscopy  and piezoresponse force microscopy hysteresis loops  for energy harvesting and storage applications  ***Louis Muse*** |  |
| 15h15-15h30 | Theoretical study of the synthesis of ammonia catalyzed  by uranium nitrides  ***Ahsan Rajib Promie*** |  |
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| **15h30-16h00** | **Pause Café - Posters** | **Hall Hub** |

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| 16h00-17h00 | Conférence 3  *Modératrice : Florence Pilard* | Amphi Hub |
|  | Analytical Chemistry for the evaluation of pharmaceutical  primary packaging  ***Dr Nicolas Gallois****, Sanofi* |  |
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| 17h05-17h50 | Session Chimie Organique  *Modérateur : Sylvestre Toumieux* | Amphi EIJV |
| 17h05-17h20 | Exploring the reactivity of Phosphiranium Salts with  simple amine nucleophiles  ***Corentin Lachevre*** |  |
| 17h20-17h35 | Lignin Functionalization for Non-Isocyanate Polyurethanes foams  ***Estelle Dauga*** |  |
| 17h35-17h50 | Design and synthesis of new thiophenyl -aminophosphonates  with potential biological interest  ***Cherifa Ben Aissa*** |  |
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| 17h05-17h50 | Session Chimie Inorganique et Hybride  *Modératrice : Gwladys Pourceau* | Amphi Hub |
| 17h05-17h20 | Atomic-Scale Oxygen Activation Mechanism in Solid Oxide  Fuel Cells Using LSCF  ***Parul Goel*** |  |
| 17h20-17h35 | Hydrothermal synthesis of Cs2SnX6 (X = Cl, Br, I) lead-free halide perovskites for visible-light photocatalysis  ***Chloé Blas*** |  |
| 17h35-17h50 | Evaluation of the catalytic activity of perovskite-washcoated  Three-Way catalysts  ***Farah Aïcha Bensafir*** |  |
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| **19h30-22h00** | **Cocktail dinatoire** | **Hall Hub** |

# **Programme du 20 juin**

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| 09h00-10h30 | Session Chimie Organique  *Modérateur : Sylvain Laclef* | Amphi EIJV |
| 09h00-09h15 | Hydrohydroxymethylation of a bio-based substrate catalyzed by rhodium in a recyclable biphasic system using ionic liquids  ***Camille Galand*** |  |
| 09h15-09h30 | [2.2]Paracyclophane as a Planar Chiral Scaffold for Stereoregular [Pt]-Conjugated Oligomers in Solar Cells Devices  ***Arthur Le Coz*** |  |
| 09h30-09h45 | Synthesis of fluorinated nucleoside by radical reaction  ***Maxime Lefeuvre*** |  |
| 09h45-10h00 | Lipid A-Inspired Glycomimetic Synthesis for the Regulation  of Inflammation  ***Amuda Manikandan*** |  |
| 10h00-10h15 | Synthesis of acyclonucleosides fluoroalkenyl mimics  ***Méline Antoine*** |  |
| 10h15-10h30 | Phenol photodegradation by a solid-state route as a benchmark  for photomechanochemical reactors  ***Guillaume Demily*** |  |
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| 09h00-10h30 | Session Chimie Inorganique et Hybride  *Modérateur : Loïc Dupont* | Amphi Hub |
| 09h00-09h15 | Denoising of Scanning Electron Microscopy Images in a Gaseous Environment Using Deep Learning  ***Mohammed Belbekri*** |  |
| 09h15-09h30 | Study on the feasibility of the cycling of electrode materials in  in-situ SEM using liquid electrolytes  ***Anna-Léna Hetzel*** |  |
| 09h30-09h45 | Decontamination of plastic waste by supercritical fluids  and UV-visible light  ***Wala Zoghlami*** |  |
| 09h45-10h00 | Development of ESB/YSZ Bilayer Electrolyte for a Low-Temperature Solid Oxide Fuel Cell  ***Ikram El-Otmani*** |  |
| 10h00-10h15 | Solar-Driven Hydrogen Evolution from Biomass Conversion  ***Khadija Mzibri*** |  |
| 10h15-10h30 | Nanosized Co3O4 grown on SBA-15 as dual adsorbent/photocatalyst removers of pharmaceutical antibiotic from wastewater  ***Hajar Tallouzt*** |  |
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| **10h30-11h00** | **Pause Café - Posters** | **Hall Hub** |
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| 11h00-12h00 | Conférence 4  *Modératrice : Véronique Bonnet* | Amphi Hub |
|  | Carbohydrates as keywords in the molecular dialogue.  ***Pr Alba Silipo****, Department of Chemical Sciences, Naples / Department of Chemistry, Osaka* |  |
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| **12h00-13h30** | **Pause déjeuner** | **Resto U** |
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| **13h30-14h45** | **Visite des laboratoires LRCS et LG2A** |  |



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| 14h45-15h30 | Session Chimie Organique  *Modératrice : Solen Josse* | Amphi EIJV |
| 14h45-15h00 | Mechanochemical Difluoromethylation with Hypervalent  Iodine Reagents  ***Nicolas Delcroix*** |  |
| 15h00-15h15 | Polysaccharide nanocrystals sulfation by mechanochemistry  ***Daniela Duarte Serrano*** |  |
| 15h15-15h30 | Characterization of hair proteins modifications by ageing  and environmental stress  ***Julia Topieu*** |  |
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| 14h45-15h30 | Session Chimie Inorganique et Hybride  *Modérateur : Loïc Dupont* | Amphi Hub |
| 14h45-15h00 | Oxidized Cellulose for Binder Application for Micro Silicon based Anode material for lithium ion batteries  ***Mohamed Elmouhinni*** |  |
| 15h00-15h15 | Visible-Light Photocatalytic Degradation of TBBPA Using Cu3TiO5/Montmorillonite Nanocomposites  ***Abdulrahman Al-Ameri*** |  |
| 15h15-15h30 | Synthesis of n-type, additive-free, organic electrodes for lithium-ion batteries using the columnar organization of quaterylene diimide  ***Yogajivan Rout*** |  |
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| **15h30-16h00** | **Pause Café - Posters** | **Hall Hub** |

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| 16h00-16h45 | Session Chimie Organique  *Modérateur : Vincent Dalla* | Amphi EIJV |
| 16h00-16h15 | Dual Glycoconjugates for the Synergistic Inhibition of  Pseudomonas aeruginosa Biofilm  ***Siwar Mejri*** |  |
| 16h15-16h30 | MOF-based catalysts for oxidation reactions in water  ***Diya Mandal*** |  |
| 16h30-16h45 | Synthesis and characterisation of p-type aromatic heterocycle compounds for cathode materials in dual-ion and anion-ion batteries  ***Seynabou Diallo*** |  |
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| 16h00-16h45 | Session Chimie Inorganique et Hybride  *Modératrice : Caroline Hadad* | Amphi Hub |
| 16h00-16h15 | WASTE-NOT : Transformation/Valorization of plastic polyolefin waste into new materials of interest by compatibilization  ***Manissa Sairi*** |  |
| 16h15-16h30 | Efficient piezo-photocatalytic degradation of Tetracycline  using Cu/Borophene  ***Bhoomi Sachdeva*** |  |
| 16h30-16h45 | Formation of hybrid biocomposites with  Metal-Organic Cages (MOCs) and biopolymers  ***Rosalia Jreis*** |  |
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| **16h45-17h15** | **Cérémonie de clôture – Remise des prix** | **Amphi Hub** |



# Résumé des posters

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| P1 | Development of Antibacterial Nanoparticles Incorporating L-Proline via Block Copolymer Self Assembly  ***Ilham Alloui*** |  |
| P2 | Development of new grafting agents based on malonic acid for the functionalization of zirconia surfaces with polymers  ***Léoxanne Elfort*** |  |
| P3 | Dual Glycoconjugates for the Synergistic Inhibition of Pseudomonas  aeruginosa Biofilm  **Siwar Mejri** |  |
| P4 | Efficient Photo-Fenton Degradation of Chloridazon Using Cu  Doped LaFeO3 Perovskite Nano-catalyst  ***Vishal Dutta*** |  |
| P5 | Functionalization of Metal-Organic Frameworks (MOFs) and Their Application in Asymmetric Organocatalysis  ***Lilia Anani*** |  |
| P6 | Hydrogenation of levulinic acid to -valerolactone over highly dispersed and stable copper nanocatalysts  ***Mihaela Bectoras*** |  |
| P7 | In-situ generated boronic acid esters: their use as Lewis acid catalysts  ***Ava Bousselat*** |  |
| P8 | Influence of Support Composition on the Stability of Ni-Based Catalysts for Dry Reforming of Methane  ***Rimal Al Sahmarani*** |  |
| P9 | Innovative polymers derived from cinchona alkaloids for asymmetric organocatalysis  ***Sara Belaid*** |  |
| P10 | Mild fractioning of horse manure: lignin extraction and impact on biochemical methane potential  ***Lindsay Dorschner Pelcoq*** |  |
| P11 | Palladium-Catalyzed Hydrosilylation of gem-Difluoroallenes  ***Jean-Philippe Bouillon*** |  |
| P12 | Photophysical studies of Cu(I) complexes with bidentate  NHC-phosphine ligands  ***Solène Foisneau*** |  |
| P13 | Polymer Biodegradability and the Link Between Abiotic and Biotic Degradation  ***Christian-Sebastiano Toppi*** |  |
| P14 | Shaping of Ni-Co catalyst for up-scale biogas dry reforming  ***Mahdi Mohamad Ali*** |  |
| P15 | Synthesis and characterization of cyclodextrin-ahl hybrids  ***Véronique Bonnet*** |  |
| P16 | Synthesis of gem-iodo(trifluoromethyl)alkenes via decarboxylative  iodination reaction  ***Huajie Zhu*** |  |
| P17 | Valorization of *Cannabis sativa* L. residues: from sustainable fractioning to fluorescent nanomaterials  ***Asmina Chanfiou*** |  |
| P18 | Valorization of tire waste for the formation of recyclable elastomeric networks  ***Edgar Fondimare*** |  |

# Comité d’organisation



Mme Véronique BONNET (PU, LG2A UPJV), Responsable

M. Vincent CHAGNAULT (MCF, LG2A UPJV)

Mme Caroline HADAD (MCF, LG2A UPJV)

Mme Solen JOSSE (MCF, LG2A UPJV)

M. Sylvain LACLEF (IGR, LG2A UPJV)

M. Corentin LEFEBVRE (MCF, LG2A UPJV)

Mme Gwladys POURCEAU (PU, LG2A UPJV)

M. Sylvestre TOUMIEUX (MCF, LG2A UPJV)



M. Loic DUPONT (PU, LRCS UPJV), Co-responsable

Mme Christine FRAYRET (MCF, LRCS UPJV)

Mme Da HUO (MCF, LRCS UPJV)

M. Nadir RECHAM (MCF, LRCS UPJV)

# Comité scientifique

Le comité d'organisation et

Mme Muriel BIGAN (MCF, U Lille, Présidente de la SCF, HdF)

M. Pascal ROUSSEL (DR CNRS, U Lille, Trésorier de la SCF HdF)

M. Stéphane LEBRUN (MCF, U Lille, Trésorier Adjoint de la SCF HdF)

M. Florent LOUIS (MCF, U Lille, Chargé de Communication SCF HdF)

Mme Cyrille ALBERT-MERCIER (PU, U Valenciennes, Secrétaire de la SCF HdF)

Mme Carmen CIOTONEA (MCF, ULCO, Membre Elu du Bureau de la SCF, HdF)

M. Sylvain OUDEYER (MCF, U Rouen Normandie, Président de la SCF, Normandie)

M. Jean-Philippe BOUILLON (PU, U Rouen Normandie)

# Et le soutien de :

