

SCF2023 Congress



 **EuChemS**
European Chemical Society

June 26th to 28th, 2023

**Cité des Congrès
de Nantes**

Chemistry, Light, Color

PROGRAMME

<http://scf2023.fr/> | contact@scf2023.fr



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WELCOME

Dear delegates,

As Chairman of the SCF 2023 congress and on behalf of the organizing committee, I am delighted to warmly welcome you all in Nantes. This major event gathering the French chemistry community as well as international participants, will offer an update on the most promising developments in all field of chemistry.

This three-yearly scientific meeting held under the patronage of the French Chemical Society will start with a week-end for the general public (June 24-25), in the Museum of Nantes with a topic dedicated to Chemistry in relation with Light and Color. During the three following days (June 26-28), the congress will welcome at the Cité des Congrès de Nantes 40 guest speakers, 300 oral communications and two poster sessions. SCF 2023 will also host the SCF awards ceremony, including the Joseph-Achille Le Bel, Félix Trombe and Pierre Süe national SCF Grand Prix and three binational awards (with DE, ES and Portugal).

We hope that SCF 2023 will give high opportunity for stimulating discussions and new collaborations between academic and industrial experts, students and professionals.

The organizing committee and I wish you an exciting and fruitful scientific time with us !

Bruno BUJOLI
Chairman of the SCF 2023 congress

DOWNLOAD THE APPLICATION YAPP

You will be able to:

- Consult the programme
- Access the exhibition
- See the list of participants and speakers
- Receive last-minute announcements from the organizers



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COMMITTEES

ORGANIZING COMMITTEE

- Bruno Bujoli (Président)
- Violaine Ferrero (Carte Blanche – PCO)
- Nébéwia Griffete (Chargée de mission égalité homme femme à la SCF)
- Rose-Noëlle Vannier (Représentante de la fédération Gay-Lussac)
- Guillaume Croullebois and Simon Gianordoli (France Chimie)
- SCF BPdL Regional Section (Flavia Pop (Angers), Julien Boixel (Rennes), Thibault Troadec (Brest), Sandrine Coste (Le Mans))
- Education and training (Julien BONIN)
- Solid state chemistry (Stéphane Jobic, Pascal Roussel et Pierre M. Bonnet)
- RJ-SCF (Simon Cassegrain, Déborah Chéry, Stéphanie Halbert, Pierre Hirchenhan, Roselyne Jeanne-Brou, Alexandre Perez, Benjamin Poggi, Maxime Rossato, Romain Scarabelli, Alexandre Vandepoosele, Madeline Vauthier)
- Polymers and materials chemistry (Sophie Guillaume, Olivier Sandre et Gaël Colomines)
- Physical chemistry (Hubert Perrot et Débora Scuderi)
- Energy interdivision (Pascale Chenevier et Maxime Pontié)
- Sustainable chemistry interdivision (Estelle Metay et Dominique Agustin)
- Catalysis (Armelle Ouali, Éric Marceau et Hugo Petitjean)
- Organic chemistry (Emmanuelle Schulz, Emmanuel Gras, Anis Tlili)
- Society and chemistry (Arnaud Tessier)
- Industrial chemistry (Marie Danielle Vazquez Duchêne, Fanny Coumes, Rodolphe Tamion, Bernard Neff)
- SCF headquarter (Stanislas Pommeret, Axel Lofberg, Christophe Innocent, Stéphane Coussan, Jérémy Dhainaut)
- Coordination chemistry (Pascale Delangle et Gilles Lemercier)

LOCAL COORDINATION COMMITTEE

Laboratoire CEISAM (Nantes) :

- Vincent Coeffard (Div. Chimie organique)
- Corinne Coutant (Div. Chimie organique)
- David Deniaud (Div. Chimie organique)
- François-Xavier Felpin (Div. Chimie organique)
- Sébastien Gouin (Div. Chimie organique)
- Eléna Ishow (Div. Chimie Physique)
- Denis Jacquemin (Div. Chimie Physique)

- Arthur Langlard (Div. Chimie Physique)
- Adèle Laurent (Div. Chimie Physique)
- Estelle Lebègue (Div. Chimie Physique)
- Erwan Le Grogneq (Div. Chimie organique)
- Pierrick Nun (Div. Chimie organique)
- Fabrice Odobel (Interdivision Energie)
- Thomas Papineau (Div. Chimie Physique)
- Clémence Queffelec (Div. Chimie de coordination ou Div Catalyse)
- Mireia Rodriguez (Div. Chimie de coordination ou Div Catalyse)
- Julien Simonneau (Div. Chimie organique)
- Arnaud Tessier (Div. Chimie organique)

Laboratoire IMN Jean Rouxel (Nantes) :

- Maïté Caldes (Div. Chimie du solide et Div. Chimie de coordination)
- Rémi Dessapt (Div. Chimie du solide et Div. Chimie de coordination)
- Thomas Devic (Div. Chimie de coordination ou chimie du solide)
- Joël Gaubicher (Div. Chimie du solide ou Interdivision Energie)
- Sandrine Perruchas (Div. Chimie du solide et Div. Chimie de coordination)
- Philippe Poizot (Div. Chimie du solide ou Interdivision Energie)

SCIENTIFIC COMMITTEE

- Education and training (Julien BONIN)
- Solid state chemistry (Stéphane Jobic, Pascal Roussel et Pierre M. Bonnet)
- RJ-SCF (Déborah Chéry, Jérémy Dhainaut, Nébéwia Griffete, Maxime Rossato, Madeline Vauthier)
- Polymers and materials chemistry (Sophie Guillaume, Olivier Sandre et Gaël Colomines)
- Physical chemistry (Hubert Perrot et Débora Scuderi)
- Energy interdivision (Pascale Chenevier et Maxime Pontié)
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- Coordination chemistry (Pascale Delangle et Gilles Lemercier)

PLENARY SPEAKERS



Lutz ACKERMANN
UNIV. Göttingen – DE



Hélène GÉRARD
Sorbonne UNIV.
Lab. de Chimie Théorique – FR



Thierry BERNOUD
C.E.O. Biosynthesis – FR



Christelle HUREAU
Research at Coordination
Chemistry Laboratory – FR



Guillaume Boissonnat-Wu
PILI company – FR



Angela MARINETTI
INST. de Chimie des Substances
Naturelles (ICSN) – FR



Hélène BUDZINSKI
UNIV. de Bordeaux – FR



Rosa PALACIN PEIRO
ICMAB-CSIC – ES



José N. CANONGIA LOPES
UNIV. of Lisbon – PT



Clotilde POLICAR
École Normale Supérieure
at UNIV. Paris Sciences
et Lettres, Laboratoire des
BioMolécules – FR



Marc FOURMIGUÉ
INST. des Sciences Chimiques
de Rennes – FR



TOPICS

Catalysis: At the heart of essential challenges for a cleaner and sustainable future. This session will address both heterogeneous and homogeneous catalysis as well as hybrid catalysis. Contributions introducing new concepts, allowing a better understanding and design of catalyst from molecular to material scale and/or involving process & catalytic engineering are welcome.

Chemistry, light and color: Light, Color and Chemistry have been strongly related since the earliest ages of Earth. Light and color are a source of inspiration for all areas of modern chemistry which currently contributes to exciting developments in diverse domains, including, energy, the Arts, medicine or all sorts of manufactured products used in daily life.

Coordination chemistry: It involves organic synthesis of ligands dedicated to the coordination of metal ions and the synthesis, characterization and reactivity studies of coordination and organometallic complexes with all metals, as well as their applications in a wide range of areas such as functional molecular materials, homogeneous catalysis, and at the interface with life (bioinorganic chemistry, bioinspired chemistry, medicinal chemistry, etc.).

Education and training: The aim of this division is to report about teaching and learning of chemistry in colleges and UNIV.ersities, to share best practices to improve learning outcomes by changing teaching method with nowadays a specific attention to distant learning.

Energy: The Energy transversal division of the French Chemical Society looks into various chemical aspects of the energy transition. Different types of energy are explored, including non-renewable, renewable, nuclear, biomass energy, as well as energy conversion and storage. The development of novel functional materials, reaction kinetics, as well as process and technological aspects are of interest,

including sustainability, life cycle and eco-design analyses and concepts.

Industrial chemistry: Mainly focused on cross-disciplinary themes providing answers to sustainable development and Analytical Chemistry needs by all concerned parties i.e. industry but also civil society and stakeholders saving resources and energy while minimizing environmental impacts (REACH regulations). Among the priorities (i) Eco-efficient processes including intensification, atom and energy saving through online control ; (ii) uses of renewable raw materials ; (iii) innovative production of materials and products including authentication, toxicological and eco-toxicological expertise ; (iv) Development of recycling/reuse of co-products and wastes (circular economy) ; (v) environment protection /water, air and soils, treatment processes and in situ control.

Organic chemistry: Involves all the different aspects dealing with the preparation, transformation and properties of carbon-based molecular or supramolecular entities: synthesis and methods, chirality and asymmetric synthesis, organometallic chemistry, main group chemistry, bioorganic chemistry. Organic chemistry is a central tool for understanding and designing molecular systems, from structure to reactivity for multiple applications.

Physical chemistry: Physical Chemistry aims at understanding chemical systems through the physical properties of matter – and the processes it undergoes – at scales from the atomic to the macroscopic. It covers a large number of fields, such as Photochemistry, Electrochemistry, Molecular Magnetism, Theory, Radiochemistry, Analytical Chemistry, Nanosciences, Optical and Neutron spectrometries.

Polymers and materials chemistry: Polymers and materials chemistry: Polymers and materials play a major role in answering and solving most current societal challenges. They are instrumental

to progress in Environment, Energy, Health, Mobility and Communication for example. SCF23 welcomes contributions related to the Chemistry of polymers and materials from their syntheses and characterization, to their properties, shaping and applications.

Solid state chemistry: Solid state chemistry is a multidisciplinary science devoted to solid materials with wide variety of chemistry, structure, and shapes (powders, crystals, thin films, crystallized or amorphous). This science encompasses synthesis, structural and morphological characterization, determination of physical (and chemical) properties, and theoretical modeling. The ultimate goal is to identify the structure/properties relationships to engineer materials for specific requirements. Solid state chemistry has a strong societal impact and is

key to future developments in new technologies and sustainable processes in domains such as energy, optics, (photo)catalysis, data storage, health, sensors and microelectronics.

Sustainable Chemistry: Mainly focused on cross-disciplinary themes providing answers to sustainable development needs saving resources and energy while minimizing environmental impacts (REACH regulations). Among the priorities: (i) Eco-efficient processes; (ii) uses of renewable raw materials; (iii) innovative production of materials and products including authentication, toxicological and ecotoxicological expertise; (iv) Development of recycling/reuse of co-products and wastes (circular economy); (v) environment protection /water, air and soils, treatment processes (remediation).

AT A GLANCE – MONDAY 26 JUNE 2023

| SCF 2023 Monday 26 June 2023 | | | | | | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------|--------------------------|-----------------------------------------------------|----------------------|
| Auditorium 800 | R0 - 1 | Club Atlantique | R0 - 2 | Room 150 | Room 300 | Room BC |
| Grande Halle | | | | | | |
| 07h30-08h30 | Welcome | | | | | |
| 08h30-08h45 | Opening ceremony | | | | | |
| 08h45-09h25 | Gay Lussac Federation/Academy of Sciences award for Chemistry at the heart of Society challenges <i>Claudie POLICAR & Christelle HUREAU</i> | | | | | |
| 09h25-10h05 | Pierre Sùe SCF award <i>Hélène BUDZINSKI</i> | | | | | |
| 10h05-10h25 | Coffee break | | | | | |
| 10h25-12h25 | Organic Chemistry 1 | French Young Chemists Network (RJ-SCF) 1 | Solid State Chemistry 1 | Coordination Chemistry 1 | Catalysis and Sustainable Chemistry joint session 1 | Physical Chemistry 1 |
| 12h25-13h25 | Lunch | | | | | |
| 13h25-15h25 | Organic Chemistry 2 | Industrial Chemistry 1 | Solid State Chemistry 2 | Coordination Chemistry 2 | Catalysis and Sustainable Chemistry joint session 2 | Physical Chemistry 2 |
| 15h25-15h45 | Coffee break | | | | | |
| 15h45-17h45 | Organic Chemistry 3 | Industrial Chemistry 2 | Solid State Chemistry 3 | Coordination Chemistry 3 | Catalysis and Sustainable Chemistry joint session 3 | Physical Chemistry 3 |
| 17h45-18h25 | Félix Trombe SCF award <i>Thierry BERNOUD</i> | | | | | |
| 18h25-19h00 | SCF awards ceremony (National Grand Prix & binational awards) | | | | | |
| 19h00-20h30 | Cocktail and Poster session | | | | | |
| Exhibition | | | | | | |
| Exhibition | | | | | | |
| Exhibition | | | | | | |
| Exhibition | | | | | | |

AT A GLANCE - TUESDAY 27 JUNE 2023

| SCF 2023 Tuesday 27 June 2023 | | | | | | | | |
|---------------------------------|------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|------------------------------------------|--------------------------------------|----------------------|----------------------------------------------------------------------|--------------|
| | Auditorium 800 | R0 - 1 | Club Atlantique | R0 - 2 | Room 150 | Room 300 | Room BC | Grande Halle |
| 07h45-08h15 | | | | Welcome | | | | |
| 08h15-08h55 | French-German « Georg Wittig – Victor Grignard » SCF award <i>Lutz ACKERMANN</i> | | | | | | | |
| 08h55-09h35 | « Chemistry, light and Colour » industrial conference <i>Gurbaume BOISSONNAT</i> | | | | | | | Exhibition |
| 09h35-09h55 | | | | Coffee break | | | | |
| 09h55-11h55 | Organic Chemistry 4 | Solar Fuels (Energy 1) | Solid State Chemistry 4 | Coordination Chemistry 4 | Catalysis 1 | Physical Chemistry 4 | Structure and dynamics of polymer and (nano)material self-assemblies | Exhibition |
| 11h55-12h55 | | | | | Lunch | | | |
| 12h55-14h55 | Organic Chemistry 5 | Industrial Chemistry 3 | Solid State Chemistry 5 | Coordination Chemistry 5 | Catalysis 2 | Physical Chemistry 5 | Polymers for life sciences | Exhibition |
| 14h55-15h15 | | | | | Coffee break | | | |
| 15h15-17h15 | Organic Chemistry 6 | Round table Industrial Chemistry | Secondary Batteries (Energy 2) and DCS joint-session | French Young Chemists Network (RJ-SCF 2) | Catalysis and Coordination Chemistry | Physical Chemistry 6 | (Nano) materials for life sciences | Exhibition |
| | French-Spanish « Miguel Catalan – Paul Sabatier » SCF award <i>ROSE PALACIN PEIRO</i> | | | | | | | |
| 17h55-20h00 | | | | | Cocktail and Poster session | | | |

AT A GLANCE - WEDNESDAY 28 JUNE 2023

| SCF 2023 Wednesday 28 June 2023 | | | | | | | | |
|-----------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------|----------------------|--------------------------|--------------|
| | Auditorium 800 | R0 - 1 | Club Atlantique | R0 - 2 | Room 150 | Room 300 | Room BC | Grande Halle |
| 07h45-08h15 | | | | | Welcome | | | |
| 08h15-08h55 | « Women in chemistry » round table conference <i>Hélène GERARD</i> | | | | Exhibition | | | |
| 08h55-09h35 | French-Portuguese SCF award <i>Jose Nuno CANONGIA LOPES</i> | | | | | | | |
| 09h35-10h00 | | | | Coffee break | | | | |
| 10h00-12h00 | Organic Chemistry 7 | French Young Chemists Network (R.J-SCF) 3 | Hydrogen and fuels cells (Energy 3) | Sustainable Chemistry 1 | Catalysis and Solid State Chemistry joint session dedicated to photocatalysis 1 | Physical Chemistry 7 | Education and Training 1 | Exhibition |
| 12h00-13h00 | | | | Lunch | | | | |
| 13h00-15h00 | Organic Chemistry 8 | Industrial Chemistry 4 | Pathways for decarbonizing the electricity production (Energy 4) | Sustainable Chemistry 2 | Catalysis and Solid State Chemistry joint session dedicated to photocatalysis 2 | Physical Chemistry 8 | Education and Training 2 | Exhibition |
| 15h00-16h15 | Joseph-Achille Le Bel SCF award <i>Angela MARINETTI & Marc FOURMIGUE</i> | | | | Closing ceremony | | | |
| 16h15-16h45 | | | | | | | | |



DETAILED PROGRAMME

MONDAY 26 JUNE 2023

MONDAY 26 JUNE 2023

| | | |
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| 07:30 | REGISTRATION / WELCOME | Grande Halle |
| 08:30 | OPENING CEREMONY | Auditorium 800 |
| 08:45 | GAY LUSSAC FEDERATION/ACADEMY OF SCIENCES AWARD FOR CHEMISTRY AT THE HEART OF SOCIETY CHALLENGES Chair: VANNIER Rose-Noëlle - UCCS - FR 059 BIOINORGANIC CHEMISTRY AND OXIDATIVE STRESS HUREAU Christelle - CNRS - FR POLICAR Clotilde - PSL Univ. - FR | Auditorium 800 |
| 09:25 | PIERRE SÛE SCF AWARD Chairs: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR TINTARU Aura - AMU-CNRS, CINAM - FR 521 LES CHANGEMENTS CLIMATIQUES ET GLOBAUX ET QUALITÉ DE L'EAU BUDZINSKI Hélène - UNIV. DE BORDEAUX - FR | Auditorium 800 |
| 10:05 | Coffee break | Grande Halle |
| 10:25 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 12:25 | Lunch | Grande Halle |
| 13:25 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 15:25 | Coffee break | Grande Halle |
| 15:45 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 17:45 | FÉLIX TROMBE SCF AWARD Chairs: SANCHEZ Clement - COLLEGE DE FRANCE - FR BUJOLI Bruno - CEISAM, UNIV. OF NANTES - FR 532 SUSTAINABLE CHEMISTRY & GREEN HYDROGEN BERNOUD Thierry - BIOSYNTHIS - FR MAGNE Julien - BIOSYNTHIS - FR | Auditorium 800 |
| 18:25 | SCF AWARDS CEREMONY (National Grand Prix and binational awards) | Auditorium 800 |
| 19:00 | COCKTAIL AND POSTER SESSION | Grande Halle |

| Organic Chemistry 1 | French Young Chemists Network (RJ-SCF) 1 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auditorium 800 | Room R0-1 |
| <p>Chairs: CRASSOUS Jeanne - UNIV. DE RENNES - FR LAMATY Frédéric - IBMM CNRS UNIV. MONTPELLIER - FR</p> | <p>Chairs: HALBERT Stéphanie - SORBONNE UNIV. - FR HIRCHENHAHN Pierre - CEA-LÉTI - FR</p> |
| <p>10:25 - 026 COLORFUL ZWITTERIONS BUILT AROUND QUINOIDAL RINGS PASCAL Simon - CINAM AIX-MARSEILLE UNIV. - FR</p> | <p>INVITED LECTURE 10:25 - 508 BLACK, THE COLOR OF HOPE FOR MEDICAL APPLICATIONS OF GOLD NANOPARTICLES ROUX Stéphane - INST. UTINAM - FR</p> |
| <p>10:40 - 152 GRAFTING OF SALEN COMPLEXES ON MACROPOROUS SILICON BY CONTROLLED POLYMERIZATION FOR APPLICATIONS IN ASYMMETRIC CATALYSIS S.B. SOARES Rafaela - ÉCOLE POLYTECHNIQUE - FR</p> | <p>10:55 - 065 PROTON-COUPLED ELECTRON TRANSFER IN A PIVALOYL-SUBSTITUTED DIHYDROTETRAAZAPENTACENE LONGEVIAL Jean-François - LORRAINE UNIV. - FR</p> |
| <p>10:55 - 190 ORTHO-EXTENDED BISAZACORONENEDIIMIDES AS ELECTRON POOR NANOGRAPHENES DAVID Arthur - UNIV. D'ANGERS - FR</p> | |
| <p>11:10 - 304 LATE-STAGE TRANSFORMATIONS OF FLUORESCENT DYES VIA C-H ACTIVATION FOR CONJUGATION WITH BIOMOLECULES AND SUPERRESOLUTION MICROSCOPY SAVICHEVA Elizaveta - MPI NAT - DE</p> | <p>11:15 - 534 THE ENERGY OF COLOURS IN SUPRAMOLECULAR ELECTRONICS RUIZ CARRETERO Amparo - INST. CHARLES SADRON, CNRS - FR</p> |
| <p>11:25 - 390 ESCAPING PRODUCT INHIBITION: THE KEY TO EXPONENTIAL SELF-REPLICATION GEIGER Yannick - RIJKSUNIV.IT GRONINGEN - NL</p> | |
| <p>INVITED LECTURE 11:40 - 194 A MECHANISTIC JOURNEY INTO UNDERSTANDING AND CONTROLLING PHOTOCATALYSIS BASSANI Dario - UNIV. BORDEAUX / CNRS - FR</p> | <p>11:45 - 502 SYNTHESIS OF DEUTERIUM-LABELLED HELIOLACTONE FOR QUANTIFICATION IN SUNFLOWER EXUDATES KEITA Antoinette - CNRS, ICSN, UPR 2301 - FR</p> |
| | <p>12:05 - 147 SPECT OR PET IMAGING OF IDH1 MUTANT CANCERS WITH NOVEL RADIOHALOGENATED ANALOGUES OF OLUTASIDENIB ARNAUD Lucie - IMOST - FR</p> |

MONDAY 26 JUNE 2023 >> 10:25 - 12:25

| Solid State Chemistry 1 | Coordination Chemistry 1 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Club Atlantique | Room R0-2 |
| <p>Chairs: JOBIC Stéphane - IMN - FR TENCÉ Sophie - CNRS - FR</p> | <p>Chair: BELLEMIN-LAPONNAZ Stéphane - CNRS - UNIV. DE STRASBOURG - FR</p> |
| <p>INVITED LECTURE 10:25 - 053 EMERGING RARE-EARTH DOPED CRYSTALS FOR QUANTUM PHOTONICS GOLDNER Philippe - CNRS - FR</p> | <p>10:25 - INTRODUCTION AND AWARD CEREMONY</p> <p>INVITED LECTURE 10:40 - 018 MOLECULAR POLARIZABILITY IS A KEY PARAMETER FOR ELECTRONIC TRANSPORT IN HYBRID MATERIALS TRICARD Simon - LPCNO - FR</p> |
| <p>11:10 - 073 CRYSTAL CHEMISTRY INVESTIGATION ON COLORED COPPER-GALLIUM SULFIDES LAFOND Alain - NANTES UNIV. - IMN - FR</p> | <p>11:10 - 336 ORIGINAL BONDING AND NEW REACTIVITIES INVOLVING GOLD RIGOLET Mathilde - RWTH AACHEN - SCHOENEBECK - DE</p> |
| <p>11:25 - 256 FIRST POLYOXOMETALATES-BENZAZOLO-OXAZOLIDINE SUPRAMOLECULAR ASSEMBLIES WITH HIGHLY EFFICIENT SOLID-STATE HALOCHROMIC PROPERTIES UPON ACID VAPOURS BILLIAUX Chloé - MOLTECH-ANJOU, UNIV. ANGERS - FR</p> | <p>11:25 - 136 A SOFT MATTER APPROACH TOWARD THE DEPOSITION OF SUPRAMOLECULAR NANOTUBES OF SINGLE-CHAIN MAGNETS HOUARD Felix - UNIV. DE RENNES - FR</p> |
| <p>11:40 - 472 NANOCRYSTALS AS LOCAL SENSOR OF TEMPERATURE BONIFAS Guillaume - LPCNO - FR</p> | <p>11:40 - 159 SYNTHESIS OF SULFUR RICH ELECTROACTIVE LIGANDS FOR SELF-ASSEMBLED MATERIALS CHERET Yohan - MOLTECH ANJOU, UNIV. ANGERS - FR</p> |
| <p>11:55 - 399 LEAD-FREE MANGANESE HALIDES - FROM SYNTHESIS TO OPTICAL PROPERTIES CHARACTERIZATION MARTIN Pierre - ICCF - FR</p> | <p>11:55 - 204 UNRAVELLING THE SECOND COORDINATION SPHERE AND ITS DRAMATIC IMPACT ON THE SYNTHESIS AND GROWTH OF INDIUM PHOSPHIDE NANOCRYSTALS DELPECH Fabien - LPCNO INSA TOULOUSE - FR</p> |
| <p>12:10 - 401 FROM SOLID-STATE CHEMISTRY OF METALLIC CLUSTERS TO THE DESIGN OF NANOCOMPOSITES WITH TUNED OPTICAL PROPERTIES CORDIER Stéphane - ISCR RENNES - FR</p> | <p>12:10 - 235 NOVEL, TUNABLE, BORON-BASED LUMINESCENT COMPOUNDS INCORPORATING NHC MOIETIES CESAR Vincent - LCC-CNRS - FR</p> |

| Catalysis and Sustainable Chemistry 1 joint session | | Physical Chemistry 1 | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Room 150 | | Room 300 | |
| Chairs: MARCEAU Éric - UCCS - UNIV. DE LILLE - CNRS - FR OUALI Armelle - CNRS - FR | | Chair: LE GUENNIC Boris - ISCR - UNIV. RENNES - FR | |
| 10:25 - 474 A COMPARATIVE STUDY OF CLUSTER AND PERIODIC MODELS BY DFT CALCULATIONS FOR PYRIDINE ADSORPTION IN H-ZSM-5 ZEOLITE CASTELLÀ-VENTURA Martine - LCT CNRS, SORBONNE UNIV. - FR | | INVITED LECTURE 10:25 - 066 WHAT IS THE EFFECT OF THE METALLICITY OF ELECTRODES ON INTERFACIAL PROPERTIES IN CLASSICAL SIMULATIONS? SCALFI Laura - FREIE UNIV.ERSITAT BERLIN - DE | |
| 10:40 - 182 PREPARATION, CHARACTERISATION AND UTILISATION OF BIOSOURCED NICKEL AND IRON-BASED CATALYSTS FOR HYDROGEN PRODUCTION GONZALEZ MARTINEZ Maria - IMT MINES ALBI / RAPSODEE - FR | | | |
| 10:55 - 264 MAGNETIC NANOHYBRIDS FOR API MANUFACTURING AND HYDROGEN PRODUCTION BOULLÉ Alizée - SON SAS - FR | | Chair: ALLAIN Clémence - CNRS/ ENS PARIS-SACLAY - FR | |
| | | 10:55 - 353 ULTRAFast CALCULATION OF SOLVATION IN SUPERCRITICAL FLUIDS CAROF Antoine - LPCT, UNIV. DE LORRAINE - FR | |
| 11:10 - 088 BOOSTING FORMALDEHYDE CATALYTIC OXIDATION OF SILICA-SUPPORTED PT NANOPARTICLES WITH TAILORED SILANOL DENSITY LAMONIER Jean-Francois - LILLE UNIV. / UCCS - FR | | 11:10 - 314 QUANTIFICATION OF WEAK INTERACTIONS BETWEEN TRIVALENT PHOSPHORUS COMPOUNDS AND DIPHENYLIODONIUM ION: NMR{¹H,¹⁹F,³¹P} AND DFT BESROUR Hend - COBRA - FR | |
| 11:25 - 326 INHIBITION/PROMOTION EFFECTS OF TOLUENE AND ISOPROPANOL OVER MN-BASED CATALYSTS MORENO-ROMAN Eddy Jonatan - IRCÉLYON - FR | | 11:25 - 022 ORGANIC PERSISTENT RADICALS WITH PECULIAR ELECTRONIC CONFIGURATION: CAUSES AND CONSEQUENCES OF SOMO-HOMO INVERSION FAVEREAU Ludovic - UNIV. OF RENNES - FR | |
| 11:40 - 197 COMPLETE OXIDATION OF FORMALDEHYDE AT LOW TEMPERATURE USING CERIUM MODIFIED BIRNESSITE-LIKE MnO₂: EFFECT OF CALCINATION TEMPERATURE ABDALLAH Gréce - UNIV. DE LILLE - FR | | 11:40 - 230 SINGLE-IMPACT ELECTROCHEMISTRY OF REDOX LIPOSOMES FOR THE DETECTION OF VIRULENCE FACTORS LANGLARD Arthur - NANTES UNIV. - CEISAM - FR | |
| 11:55 - 112 POSITIVE ROLE OF Mn(II) IN BISPHENOL A DEGRADATION BY LIGANDS-ASSISTED MANGANESE DIOXIDE JIA Daqing - UNIV. CLERMONT AUVERGNE - FR | | 11:55 - 096 PHASE SEPARATION DEPENDENT ACTIVE MOTION OF JANUS VESICLES ALVAREZ Laura - UNIV. OF BORDEAUX, CRPP - FR | |
| 12:10 - 427 CHARGE CARRIER SEPARATION DRIVING BY EXTERNAL ELECTRIC FIELD IN GOLD SUPPORTED TITANIA FOR BOOSTING PHOTOCATALYTIC ACTIVITY TRAN My Nghe - UNIV. OF LILLE - FR | | 12:10 - AWARDS CEREMONY PHYSICAL CHEMISTRY 1 Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR | |

MONDAY 26 JUNE 2023 >> 10:25 - 12:25

**Pol&Mat: New synthesis routes for
polymers and materials**

Room BC

Chairs:

GUILLAUME Sophie - CNRS/ISCR RENNES - FR

CHAN-SENG Delphine - CNRS - INST. CHARLES

SADRON - FR

INVITED LECTURE

**10:25 - 023 | TOPOLOGY OF POLYMERS TO PROMOTE
THERMORESPONSIVENESS AND/OR DRUG
ENCAPSULATION**

CHAN-SENG Delphine - CNRS - INST. CHARLES

SADRON - FR

**10:55 - 004 | N-NAPHTHALIMIDE-BASED OXIME
ESTERS AS TYPE I PHOTOINITIATORS FOR LED
PHOTOPOLYMERIZATION**

DUMUR Frédéric - INST. DE CHIMIE RADICOLAIRE - FR

**11:10 - 199 | NEW PHOSPHINE OXIDES
PHOTOINITIATORS FOR 3D PRINTING**

BUCHON Loïc - IS2M CNRS - FR

**11:25 - 378 | THERMOSTABLE HYBRID
THERMOSETS BASED ON POLYCYANURATES AND
POLYBENZOXAZINES**

GRANDE Daniel - ICMPE, CNRS-UPEC - FR

**11:40 - 091 | SYNTHESIS OF RUBAZONIC ACID
DERIVATIVES AND THEIR POLYMERS**

KRUPKA Anastasiia - UNIV. OF WUPPERTAL - DE

MONDAY 26 JUNE 2023 >> 13:25 - 15:25

| Organic Chemistry 2 | Industrial Chemistry 1 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auditorium 800 | Room R0-1 |
| <p>Chairs: MELLAH Mohamed - ICMMO-UNIV. PARIS SACLAY - FR DUROT Stéphanie - LSAMM, UNIV. STRASBOURG - FR</p> | <p>Chairs: VAZQUEZ-DUCHENE Marie-Danielle - BASF FR - FR VINCENT Emmanuel - BASF BEAUTY CARE SOLUTIONS - FR</p> |
| <p>13:25 - FLASH COMMUNICATIONS 28 - 99 - 146 - 183 - 245 - 271</p> | <p>INVITED LECTURE 13:25 - 058 IMPACT OF BLUE LIGHT ON SKIN CELLS ANDRÉ Valérie - BASF BEAUTY CARE SOLUTIONS - FR</p> |
| <p>13:40 - 481 DESIGNING DONOR-ACCEPTOR CYCLOPROPANES FOR THE SYNTHESIS OF VALUABLE BUILDING BLOCKS CHOURAQUI Gaëlle - AIX MARSEILLE UNIV. - FR</p> | <p>INVITED LECTURE 13:55 - 061 REGULATION OF COSMETIC INGREDIENTS VINCENT Emmanuel - BASF BEAUTY CARE SOLUTIONS - FR</p> |
| <p>13:55 - 153 ORIGIN OF NONLINEAR EFFECTS IN PROLINOL-BASED ASYMMETRIC CATALYSIS THIERRY Thibault - IPCMS-UNIV. DE STRASBOURG - FR</p> | <p>INVITED LECTURE 14:25 - 056 DESIGN OF ULTRASONIC MILLIREACTORS APPLIED TO HETEROGENEOUS SYSTEMS DELACOUR Claire - SEQENS - FR</p> |
| <p>14:10 - 141 3-HYDROXYPYRIDINYL-SUBSTITUTED-1,2,4-TRIAZOLES AS NEW ESIPT BASED FLUORESCENT DYES BOTUHA Candice - IPCM SORBONNE UNIV. - FR</p> | <p>14:55 - 440 ASYMMETRICALLY REINFORCED MEMBRANES FOR ANION EXCHANGE MEMBRANE FUEL CELL JAOUEN Frédéric - CNRS - FR</p> |
| <p>14:25 - 169 ACCES TO SUBSTITUTED GERMOLES BY INTRAMOLECULAR GERMYLZINCATION DURANDETTI Muriel - COBRA - ROUEN UNIV. - FR</p> | <p>15:10 - 260 ACID-BASE SITES REACTIVITY OF OXIDES TOWARDS EFFICIENT PROPYLENE PRODUCTION VIA ISOPROPANOL DEHYDRATION SEGONDY Sandra - IRCELYON CNRS UNIV. LYON1 - FR</p> |
| <p>14:40 - 215 OXOAMMONIUM MEDIATED ALLYLATION OF ALLYL- AND BENZYLEETHERS BY HYDRIDE ABSTRACTION PRADAL Alexandre - SORBONNE UNIV. - FR</p> | |
| <p>14:55 - 464 UNEXPECTED PHOTOCHEMICAL BEHAVIOUR OF TETRAPHENYLETHYLENE-BASED HELICAL FOLDAMERS HARDOIN Louis - MOLTECH-ANJOU - FR</p> | |
| <p>THESIS PRICE 15:10 - 097 DESIGN OF HIGHLY ROBUST AND STEREOSELECTIVE RUTHENIUM-BASED CATALYSTS FOR OLEFIN METATHESIS MORVAN Jennifer - JANSSEN - BE</p> | |

MONDAY 26 JUNE 2023 >> 13:25 - 15:25

| Solid State Chemistry 2 | Coordination Chemistry 2 |
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| Club Atlantique | Room R0-2 |
| <p>Chairs: ROUSSEL Pascal - UCCS - CNRS UMR 8181 - FR CORDIER Stéphane - ISCR RENNES - FR</p> | <p>Chair: CEBRIAN AVILA Cristina - UNIV. DE LORRAINE - FR</p> |
| <p>INVITED LECTURE 13:25 - 049 MOLECULAR ENGINEERING OF LOW DIMENSIONAL MATERIALS VOIRY Damien - CNRS - FR</p> | <p>INVITED LECTURE 13:25 - 021 ZINC-RESPONSIVE MRI CONTRAST AGENTS: FROM RATIONAL DESIGN TO IN VIVO APPLICATIONS BONNET Célia - CBM CNRS - FR</p> <p>13:55 - 069 CARBOXYLATE EXCHANGE MECHANISM IN ZIRCONIUM COORDINATION ADAPTABLE NETWORKS MURALI Meenu - LCC UPR CNRS 8241 - FR</p> |
| <p>14:10 - 046 SIMULATION AND PREDICTION OF LUMINESCENCE SPECTRA IN SOLIDS LATOUCHE Camille - NANTES UNIV. - FR</p> | <p>14:10 - 161 DITHIOETHER-BASED SILVER COORDINATION POLYMERS: ARCHITECTURES AND ANTIBACTERIAL ACTIVITY GAUDILLAT Quentin - UTINAM - FR</p> |
| <p>14:25 - 404 SYNTHESIS OF COLORED GLASSES BY A SOL-GEL/LASER COUPLED APPROACH DELACROIX Simon - ÉCOLE POLYTECHNIQUE - FR</p> | <p>14:25 - 450 SELECTIVE COPPER (II) CHELATOR'S IN ALZHEIMER'S DISEASE CONTEXT RULMONT Clement - LCC - FR</p> |
| <p>14:40 - 419 SYNTHESIS AND CHARACTERIZATION OF CHROMIUM-DOPED YTTRIUM ALUMINUM GARNET CRYSTALS BY CO-PRECIPIATION AND PECHINI SYNTHESIS THEVENET Romain - ICCF - FR</p> | <p>14:40 - 261 SPECIATION AND ACCUMULATION OF URANIUM IN MUSSELS MYTILUS GALLOPROVINCIALIS STEFANELLI Romain - CEA-UCA - FR</p> |
| <p>14:55 - 444 PHOTOCROMIC N-SALICYLIDENE ANILINE MOLECULES INTO COBALT AND ZINC LAYERED SIMPLE HYDROXIDES RABU Pierre - IPCMS, CNRS-UNISTRA - FR</p> | <p>14:55 - 275 SYNTHESIS AND EVALUATION OF NEW 68GA-COMPLEXES IN OSTEOARTHRITIS PET IMAGING MAGOT Florent - IMOST - FR</p> |
| <p>15:10 - 468 SYNTHESIS OF PHOTOLUMINESCENT ZINC PHOSPHIDE QUANTUM DOTS OUYANG Liyang - NCO-LPCNO INSA-TOULOUSE - FR</p> | <p>15:10 - 339 DIRECT NUCLEOPHILIC ADDITION ON COORDINATED DINITROGEN, AN EXPERIMENTAL AND THEORETICAL INVESTIGATION LE DÉ Quentin - LCC-CNRS TOULOUSE - FR</p> |

| Catalysis and Sustainable Chemistry 2 | | Physical Chemistry 2 | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Room 150 | | Room 300 | |
| <p>Chairs: PETITJEAN Hugo - ICGM MONTPELLIER - FR HERMANS Sophie - UCLouvain - BE</p> | | <p>Chairs: ALLAIN Clémence - CNRS/ ENS PARIS-SACLAY - FR LE GUENNIC Boris - ISCR - UNIV. RENNES - FR</p> | |
| <p>INVITED LECTURE 13:25 - 037 SUGARS VALORIZATION BY CATALYTIC HYDROGENATION HERMANS Sophie - UCLouvain - BE</p> | | <p>INVITED LECTURE 13:25 - 076 WHY CAN COBALT PHTHALOCYANINE COMPLEX CATALYZE THE REDUCTION OF CO TO METHANOL, WHILE USING CO₂ AS SUBSTRATE MAINLY AFFORDS CO? ROBERT Marc - UNIV. PARIS CITÉ - CNRS - FR</p> | |
| <p>14:10 - 092 SILICA-SUPPORTED IRON-NICKEL NANOPARTICLES FOR THE HYDROGENATION OF XYLOSE PHILIPPOT Karine - CNRS-LCC-TOULOUSE - FR</p> | | <p>INVITED LECTURE 13:55 - 055 EXCITED-STATE MOLECULAR DYNAMICS SIMULATIONS WITH THE EXACT FACTORIZATION AGOSTINI FedÉrica - ICP UNIV. PARIS-SACLAY - FR</p> | |
| <p>14:25 - 484 EMBEDDING YTTRIUM TRIFLUORIDE NANOPARTICLES IN TiO₂ METALLOGEL TO OBTAIN YF₃-TiO₂ ACID-BASE CATALYSTS WITH HIGH SURFACE AREA BEN SALEM Roua - IRCELYON - FR</p> | | <p>Chair: SPEZIA Riccardo - CNRS & SORBONNE UNIV. - FR</p> | |
| <p>14:40 - 272 DEVELOPMENT OF NEW IRON BASED PRE-CATALYSTS: SYNTHESIS, CHARACTERIZATION AND TREND IN SELECTIVE CATALYTIC OXIDATION OF UNPROTECTED CARBOHYDRATES BANDYOPADHYAY Uchchhal - URCOM- UNIV. LE HAVRE - FR</p> | | <p>14:25 - 021 GRAPH THEORY-BASED METHODS FOR POST-PROCESSING MD SIMULATIONS BOUGUEROUA Sana - LAMBE UMR8587 - FR</p> | |
| <p>14:40 - 011 FLUID ADSORPTION AND TRANSPORT IN NANOPOROUS MATERIALS COASNE Benoit - CNRS/UNIV. GRENOBLE ALPES - FR</p> | | <p>14:40 - 011 FLUID ADSORPTION AND TRANSPORT IN NANOPOROUS MATERIALS COASNE Benoit - CNRS/UNIV. GRENOBLE ALPES - FR</p> | |
| <p>14:55 - 376 NEW INSIGHTS ON THE CATALYTIC REDUCTIVE AMINATION OF HYDROXYACETONE OVER RuWXC/AC CATALYST BOULOS Joseph - UCCS - FR</p> | | <p>14:55 - 094 HOW DO IRON PROTEINS INTERACT WITH PLUTONIUM (AND THORIUM)? DEN AUWER Christophe - UNIV. CÔTE D'AZUR - FR</p> | |
| <p>15:10 - 398 RH-CATALYZED ASYMMETRIC HYDROAMINOMETHYLATION OF 1,1-DIARYLETHENES TOWARDS TOLTERODINE LANGLOIS Joris - URV/LCC - ES</p> | | <p>15:10 - AWARDS CEREMONY PHYSICAL CHEMISTRY 2 Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> | |

MONDAY 26 JUNE 2023 >> 13:25 - 15:25

Pol&Mat: Polymers and materials for electronics and the energy transition

Room BC

Chairs:

COLOMINES Gaël - GEPEA, IUT DE NANTES - FR

LECLERC Nicolas - ICPEES-STRASBOURG - FR

INVITED LECTURE

13:25 - 027 | SIDE CHAINS IN ORGANIC CONJUGATED MATERIALS, A KEY PARAMETER

LECLERC Nicolas - ICPEES-STRASBOURG - FR

13:55 - 134 | PHOTOACTIVE CUI-CROSS-LINKED POLYURETHANE MATERIALS

STAL Sandro - IMN - FR

14:10 - 287 | NEW NON-SYMMETRICAL PERYLENE DIIMIDE BASED CONJUGATED POLYMERS USING SUZUKI-MIYAUURA COUPLING

ROGER Maxime - MOLTECH-ANJOU, UNIV. ANGERS - FR

14:25 - 303 | VISIBLE-LIGHT DRIVEN SYNTHESIS OF SEMI-CONDUCTING POLYMERS AND SIZE-DEFINED OLIGOMERS

GAPIN Adèle - UNIV. D'ANGERS - FR

14:40 - 325 | LOW BANDGAP METALLOOLIGOMER FOR ORGANIC SOLAR CELLS

WAYZANI Abdel Aziz - ENSICAEN - FR

14:55 - 337 | PHOTOCHEMICAL PRODUCTION OF HYDROGEN PEROXIDE WITH HYBRID DYE DOPED SILICA MATERIALS

DAVID Charlotte - CEISAM - FR

15:10 - 371 | SYNTHESIS AND STUDY OF A STAR-SHAPED NON-FULLERENE ACCEPTOR FEATURING AN AZATRIANGULENE CORE FOR ORGANIC SOLAR CELLS

AUMAITRE Cyril - SYMMES/STEP CEA GRENOBLE - FR

MONDAY 26 JUNE 2023 >> 15:45 - 17:45

| Organic Chemistry 3 | Industrial Chemistry 2 |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: BRIÈRE Jean-François - COBRA LABORATORY - FR TOUCHET Sabrina - UNIV. DE LORRAINE - L2CM - FR</p> | <p>Chairs: DHAINAUT Jérémy - CNRS - FR DELBEQUE Frédéric - BASF COATINGS TECHNICAL MGER - FR</p> |
| <p>INVITED KEYNOTE 15:45 - 352 C-N BOND FORMATION VIA ODET STRATEGIES BRACHET Etienne - UNIV. DE PARIS - FR</p> | <p>INVITED LECTURE 15:45 - 188 HOW CHEMISTRY CAN CONTRIBUTE TO ACHIEVE FUTURE CARBON NEUTRAL EMISSION IN AUTOMOTIVE PAINT PROCESS DELBEQUE Frédéric - BASF COATINGS TECHNICAL MGER - FRANCE</p> |
| <p>16:15 - 332 SYDNONES-BASED APPROACH FOR RADIOIODINATION AND ASTATINATION OF CANCER TARGETING VECTORS LE SAUX Ludovic - CRCI2NA - INSERM - FR</p> | <p>INVITED LECTURE 16:15 - 123 TOWARDS A NEW CHEMICAL INDUSTRY : CHEMICALS START-UPS AT THE TOP GIANORDOLI Simon - FRANCE CHIMIE - FRANCE</p> |
| <p>16:30 - 162 ADVANCEMENTS AND INNOVATIONS IN CORTICOSTEROID CHEMISTRY: A JOURNEY THROUGH TIME DUMONTEIL Geoffrey - EUROAPI - FR</p> | |
| <p>16:45 - 179 ELECTRON DEFICIENT CAGES HARNESSING ANION-PI INTERACTIONS ANTONETTI Élise - ISM2 - FR</p> | <p>INVITED LECTURE 16:45 - 057 LA CATALYSE À L'OR (I), UN NOUVEL ACCORD AVEC LA PARFUMERIE LAHER Romain - BOISÉ FRANCE - FRANCE</p> |
| <p>17:00 - 187 ORGANOCATALYZED ONE-POT SEQUENTIAL DERACEMIZATION OF AROMATIC KETONES BEARING A TERTIARY STEREOGENIC CENTER OUDEYER Sylvain - COBRA LABORATORY (UMR 6014) - FR</p> | |
| <p>17:15 - 407 TRANS-CONCERTED ADDITION OF ALKYNES: THE CASE OF SILYLZINCATION HALBERT Stéphanie - SORBONNE UNIV. - FR</p> | <p>17:15 - 389 ALTERNATIVE BINDERS TO PETROLEUM BITUMEN FOR ROAD CONSTRUCTION QUEFFELEC Clemence - CEISAM LABORATORY, NANTES UNIV. - FRANCE</p> |
| <p>17:30 - FLASH COMMUNICATIONS 273 - 302 - 309 - 319 - 366 - 380</p> | <p>17:30 - 331 GREEN METHODS FOR SILICON PHOTOVOLTAÏC PANELS RECYCLING DUWALD Romain - CEA - FRANCE</p> |

MONDAY 26 JUNE 2023 >> 15:45 - 17:45

| Solid State Chemistry 3 | | Coordination Chemistry 3 | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Club Atlantique | | Room R0-2 | |
| Chairs: BONNET Pierre - ICCF - UCA - FR RABU Pierre - IPCMS, CNRS-UNISTRA - FR | | Chair LEMERCIER Gilles - UNIV. REIMS CHAMPAGNE - FR | |
| INVITED LECTURE 15:45 - 050 HOW TO TUNE THE FUNCTIONAL PROPERTIES OF SOLID OXIDE FUEL ELECTRODES BY PLAYING WITH THE MOCVD DEPOSITION CONDITIONS BURRIEL MÓNICA - CNRS - FR | | INVITED LECTURE 15:45 - 132 PHOTO-SWITCHABLE NANOMAGNETS MARVAUD Valérie - CNRS - SU - FR | |
| | | 16:15 - 130 THE INFLUENCE OF THE N SUBSTITUENT ON THE ELECTRONIC PROPERTIES OF IMINOPHOSPHORANE IN (PPH₂-P=NR) ISOCYANIDE PD COMPLEXES AUFFRANT Audrey - CNRS ÉCOLE POLYTECHNIQUE - FR | |
| 16:30 - 203 ORIGIN OF VANADIUM SEQUENTIAL OXIDATION IN KXVPO₄F₁-YOY POSITIVE ELECTRODE MATERIALS WERNERT Romain - UNIV. OF OXFORD - GB | | 16:30 - 294 MAGNETIC METAL-ORGANIC FRAMEWORKS: A RADICAL APPROACH LUNEAU Dominique - UNIV. CLAUDE BERNARD LYON1 - FR | |
| 16:45 - 329 DESIGN, SYNTHESIS AND CHARACTERIZATION OF NEW MOF MATERIALS FOR HYDROGEN PURIFICATION GUILLEMAT Bastien - IMMM - FR | | 16:45 - 429 REDOX-DRIVEN SIZE/SHAPE MODULATION OF SELF-ASSEMBLED CAGES BOU ZEID Jennifer - MOLTECH ANJOU LABORATORY - FR | |
| 17:00 - 377 EARTH-ALKALINE GLASS SEAL FOR SOEC/SOFC VOIVENEL Raphaël - UCCS-CS - FR | | 17:00 - 435 ELECTROCHEMICAL BEHAVIOUR OF MOLECULARLY PREAMBITED NITROUS OXIDE (N₂O) QUEYRIAUX Nicolas - CNRS - LCC - FR | |
| 17:15 - 415 OPTIMISED SYNTHESIS OF NANOSTRUCTURED POWDERS FOR THE ELABORATION OF LAMOX GIANT ELECTROSTRICTIVE FILMS COSTE Sandrine - IMMM - LE MANS UNIV. - FR | | 17:15 - 448 SYNTHESIS OF NEW NNN Pincer-TYPE RUTHENIUM(II) COMPLEXES NUNEZ-DALLOS Nelson - LCC-CNRS - FR | |
| 17:30 - 498 CALCIUM FERRITE AS POSSIBLE REE FREE SOC AIR ELECTRODE RIVIERE Julien - UCCS - FR | | 17:30 - 060 COPPER CONTAINING ENZYMES: FROM ENZYMATIC STUDIES TO BIOINSPIRED MODELS SIMAN A Jalila - CNRS / AIX MARSEILLE UNIV. - FR | |

MONDAY 26 JUNE 2023 >> 15:45 - 17:45

| Catalysis and Sustainable Chemistry joint session 3 | Physical Chemistry 3 |
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| Room 150 | Room 300 |
| <p>Chairs: AGUSTIN Dominique - LCC-IUT - FR CAPRON Mickael - UCCS - U LILLE - FR</p> | <p>Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> |
| <p>INVITED LECTURE 15:45 - 075 VALORIZATION OF LIGHT ALCOHOLS EX-BIOMASS: SOMES EXAMPLES CAPRON Mickael - UCCS - U LILLE - FR</p> | <p>INVITED LECTURE 15:45 - 515 TIME MODULATED SINGLE MOLECULE LOCALIZATION LEVEQUE-FORT Sandrine - ISMO-CNRS - FR</p> |
| <p>16:30 - 322 PINE WOOD FRACTIONATION IN SUPERCRITICAL ALCOHOLS FROM METHANOL TO BUTANOL IN A PLUG-FLOW REACTOR: INFLUENCE OF COPPER BASED BIFUNCTIONAL CATALYSTS KOMENAN Awalah Alain - IRCELYON - FR</p> | <p>16:30 - 211 ELECTROCHEMICAL VS. HYDROTHERMAL RGO FOR SUPERCAPACITORS: DEEP INVESTIGATION THROUGH ADVANCED QCM TOOLS KELLER Caroline - LISE - FR</p> |
| <p>16:45 - 208 LIGNIN FUNCTIONALIZATION: TOWARD A NOVEL BIOBASED EPOXY RESIN RICHARD Tiphaine - ICAM LILLE - FR</p> | <p>16:45 - 214 ACCURATE SIMULATION OF LUMINESCENCE SPECTRA IN BAZRO3:TI CAVIGNAC Théo - CNRS IMN - FR</p> |
| <p>17:00 - 400 TITANIA-SUPPORTED PALLADIUM CATALYST FOR LIGNIN REDUCTIVE FRACTIONATION FREITAS PAIVA Mateus - UNIV. DE LILLE - FR</p> | <p>17:00 - 133 QUANTUM DYNAMICS AROUND PPE'S CONICAL INTERSECTIONS FOR SPECTROSCOPIC AND REAL-TIME STUDIES GALIANA Joachim - ICGM - FR</p> |
| <p>17:15 - 209 EFFECT OF W INCORPORATION IN ZIRCONIA SUPPORTED MO OXIDE CATALYSTS FOR THE HDO OF M-CRESOL FARAH Bertha - UCCS-LILLE - FR</p> | <p>17:15 - 138 FLUORESCENT LABELING OF BIOMIMETIC CALCIUM PYROPHOSPHATE CRYSTALS WITH FLUORESCENT ORGANIC NANOPARTICLES FOR CELL IMAGING STUDIES MUNCH Maxime - CEISAM, NANTES UNIV. - FR</p> |
| <p>17:30 - 485 MODIFYING NICKEL-ON-SILICA CATALYSTS FOR A MORE SELECTIVE HYDROGENOLYSIS OF LIGNIN LAUNAY Franck - LRS - SORBONNE UNIV. - FR</p> | <p>17:30 - 131 B-LIKE EFFECTS IN POST BRAGG PEAK AREA IN FRICKE DOSIMETER OBSERVED WITH HIGH RESOLUTION IMAGING OF PROTON TRACK-ENDS AUDOUIN Julien - CEA - FR</p> |

MONDAY 26 JUNE 2023 >> 15:45 - 17:45

Pol&Mat: Processes and structure-function relationships in polymers and materials

Room BC

Chairs:

SANDRE Olivier - LCPO CNRS, UNIV. & INP BORDEAUX - FR

TENCÉ-GIRAULT Sylvie - ARKEMA-PIMM-ENSAM - FR

INVITED LECTURE

15:45 - 032 | PVDF-BASED COPOLYMERS: FROM CHEMISTRY TO CRYSTALLINE STRUCTURES/ MORPHOLOGIES AND ELECTROACTIVE PROPERTIES

TENCÉ-GIRAULT Sylvie - ARKEMA-PIMM-ENSAM - FR

16:15 - 238 | STRUCTURE-PROPERTIES RELATIONSHIP OF POLY(GLYCEROL SEBACATE)

DAVOY Xavier - MICHELIN/UCA - FR

16:30 - 277 | NOVEL STRATEGIES TO ENHANCE CFTP INTERFACIAL ADHESION

LE DOT Marie - IS2M - FR

16:45 - 279 | THERMOREVERSIBLE TIRE-WASTE BASED ELASTOMERIC NETWORKS

DEZ Isabelle - LCMT_UNICAEN - FR

17:00 - 490 | A NEW INSULATING MATERIAL WAS CREATED BY USING XEROGEL AS A CHARGE FOR POLY-COTTON FABRIC

ASSAL Mohamed - FSBM-UNIV.H2C / REMTEX-ESITH - MA



DETAILED PROGRAMME

TUESDAY 27 JUNE 2023

TUESDAY 27 JUNE 2023

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| 07:45 | REGISTRATION / WELCOME | Grande Halle |
| 08:15 | <p>FRENCH-GERMAN "GEORG WITTIG - VICTOR GRIGNARD" SCF AWARD</p> <p>Chairs: MARCEAU Éric - UCSS - UNIV. DE LILLE - CNRS - FR AGUSTIN Dominique - LCC-IUT - FRANCE</p> <p>019 METALLAELECTRO-CATALYZED BOND ACTIVATIONS ACKERMANN Lutz - GOETTINGEN UNIV. - DE</p> | Auditorium 800 |
| 08:55 | <p>CHEMISTRY, LIGHT AND COLOUR INDUSTRIAL CONFERENCE</p> <p>Chairs: VAZQUEZ-DUCHENE Marie-Danielle - BASF FRANCE - FR TAMION Rodolphe - ORIL INDUSTRIE - FR</p> <p>520 FROM AN IDEA TO A PRODUCT, DEVELOPMENT AND SCALE-UP OF A BIOBASED PIGMENT BOISSONNAT Guillaume - PILI SAS - FR</p> | Auditorium 800 |
| 09:35 | Coffee break | Grande Halle |
| 09:55 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 11:55 | Lunch | Grande Halle |
| 12:55 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 14:55 | Coffee break | Grande Halle |
| 15:15 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 15:15 | <p>INDUSTRIAL CHEMISTRY - ROUND TABLE</p> <p>Chairs: SOSA VARGAS Lydia - CNRS-SORBONNE UNIV. - FR LATIEULE Sylvie - INFOCHIMIE - FR</p> | Room R0-1 |
| 17:15 | <p>FRENCH-SPANISH "MIGUEL CATALAN - PAUL SABATIER" SCF AWARD</p> <p>Chairs: JOBIC Stéphane - IMN - FR JAOUEN Frédéric - CNRS - FR</p> <p>038 CHEMICAL JOURNEY INTO BATTERIES: SOME STEPS ON THE ROAD PALACIN M. Rosa - ICMAB-CSIC - ES</p> | Auditorium 800 |
| 17:55 | COCKTAIL AND POSTER SESSION | Grande Halle |

| Organic Chemistry 4 | Energy 1 : Solar Fuels |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: VAUZEILLES Boris - CNRS-ICSN - FR BODIO Ewen - ICMUB - UNIV. BOURGOGNE - FR</p> | <p>Chairs: CHENEVIER Pascale - UNIV. GRENOBLE ALPES - CEA - FR JAOUEN Frédéric - CNRS - FR</p> |
| <p>09:55 - 249 CHEMO- AND REGIOSELECTIVITY ASPECTS IN CHEMICAL CONJUGATION OF PROTEINS CHAUBET Guilhem - CNRS - UNISTRA - FR</p> | <p>INVITED LECTURE 09:55 - 020 PHOTOANODES FOR SOLAR-TO-FUEL CONVERSION LOGET Gabriel - CNRS - ISCR - FR</p> |
| <p>10:10 - 001 ABOVE AND BEYOND DNA: AN EXPANDED REALM OF NUCLEIC ACID MICROARRAYS TO ACCESS AND CONTROL STRUCTURAL DIVERSITY AT VERY LARGE SCALES LIETARD Jory - UNIV. OF VIENNA - AT</p> | |
| <p>10:25 - 453 PROTEIN-ACTIVATED CHEMICAL SENSOR: DUAL-INPUT FLUOROGENIC PROBE FOR GENETICALLY TARGETED CALCIUM IMAGING BACHOLLET Sylvestre - UNIV. PARIS CITÉ - LCBPT - FR</p> | |
| <p>10:40 - 254 SYNTHESIS OF N-TBU-4- OR 5-ARYLSUBSTITUTED ISOTHIAZOL-3(2H)-ONE-1,(1)-(DI)OXIDE DERIVATIVES AS POTENT PDE4 INHIBITORS BORISOVA Boryana - URCA-REIMS, UMR CNRS 7312 - FR</p> <p>10:55 - 044 NEW AZA-HETEROCYCLIC STRUCTURES TO FOSTER BIOISOSTERISM IN MEDICINAL CHEMISTRY TESSIER Arnaud - CEISAM LABORATORY - FR</p> | <p>10:40 - 106 CATALYSIS FOR ENERGY TRANSITION SOME CASE STUDIES FECANT Antoine - IFPEN - FR</p> |
| <p>INVITED LECTURE 11:10 - 348 BIOCONJUGATION AND MORE IN THE FIELD OF ANTIBODY DRUG CONJUGATE WAGNER Alain - CNRS - FR</p> | <p>11:10 - 063 PHOTOELECTROCHEMICAL CELL FOR SOLAR DRIVEN CARBON DIOXIDE REDUCTION ICHOU Hichem - CEISAM - FR</p> |
| | <p>11:25 - 116 COUPLING MOLECULES AND MATERIALS FOR THE SOLAR DRIVEN CATALYTIC REDUCTION OF CO₂ BONIN Julien - UNIV. PARIS CITÉ - FR</p> |
| | <p>11:40 - 367 DIRECT PHOTOCATALYTIC SYNTHESIS OF ACETIC ACID FROM METHANE AND CO AT AMBIENT TEMPERATURE USING WATER ORDOMSKY Vitaly - CNRS - FR</p> |
| | <p>11:55 - FLASH COMMUNICATIONS 227 - 506</p> |

| Solid State Chemistry 4 | Coordination Chemistry 4 |
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| Club Atlantique | Room R0-2 |
| <p>Chairs: GUILMEAU Emmanuel - CRISMAT/CNRS - FR ROUSSEL Pascal - UCCS - CNRS UMR 8181 - FR</p> | <p>Chair: SIMAAN A Jalila - CNRS / AIX MARSEILLE UNIV. - FR</p> |
| <p>INVITED LECTURE 09:55 - 052 NEW FUNCTIONAL MATERIALS BY TOPOTACTIC INSERTION OF LIGHT ELEMENTS IN INTERMETALLIC COMPOUNDS TENCÉ Sophie - CNRS - FR</p> | <p>09:55 - AWARD CEREMONY INVITED LECTURE 10:10 - 042 A BIO-INSPIRED APPROACH FOR THE ACTIVATION OF SMALL MOLECULES DUBOC Carole - CNRS/UNIV. GRENOBLE ALPES - FR</p> |
| <p>10:40 - 163 KAGOME-LAYERED ORTHOVANADATES BAM₃(VO₄)₂(OH)₂ (M = CO, ZN): NANOSTRUCTURING VERSUS MICROSTRUCTURING HADRANE Bachchar - IMN JEAN ROUXEL - FR</p> | <p>10:40 - 251 STUDY OF COORDINATION NETWORKS BASED ON ELECTROACTIVE BVDT-TTF LIGAND SOLANO Federica - UNIV. OF ANGERS - FR</p> |
| <p>10:55 - 257 ALKALI SHUFFLING IN HONEYCOMB LAYERED OXIDES MUMBA MPANGA Eunice - ICGM - FR</p> | <p>10:55 - 346 EXTRACTION AND SEPARATION OF AQUEOUS METAL SOLUTION BY TASK SPECIFIC IONIC LIQUID BOULAFROUH Lamia - INST. DE CHIMIE MOLECULAIRE - FR</p> |
| <p>11:10 - 267 ELECTRON'S SPIN SELECTIVITY IN CHIRAL LEAD-BROMIDE PEROVSKITES ABHERVÉ Alexandre - LABORATOIRE MOLTECH-ANJOU - FR</p> | <p>11:10 - 483 FAC/MER ISOMERISM IN PHOTOACTIVE AZINE-NHC IRON(II) COMPLEXES CEBRIAN AVILA Cristina - UNIV. DE LORRAINE - FR</p> |
| <p>11:25 - 355 STRUCTURAL ANALYSES AND PROPERTIES OF COMPLEX SULPHIDES IN THE CR-SN-S SYSTEM GUIOT Florentine - ISCR UMR 6226 - FR</p> | <p>11:25 - 160 SYNTHESIS, DFT CALCULATIONS AND COORDINATION CHEMISTRY OF FUNCTIONALIZED 2,1,3-BENZOTHIADIAZOLE LIGANDS PLYUTA Nataliya - MOLTECH ANJOU, UNIV. ANGERS - FR</p> |
| <p>11:40 - 492 STRUCTURE DETERMINATION WITH ATOMIC-SCALE MODELING OF A NEW PARTIALLY-DISORDERED PHASE ASTE3 CADARS Sylvian - IRCER, UNIV. LIMOGES, CNRS - FR</p> | <p>11:40 - 413 ELECTROCHROMICALLY ACTIVE SURFACE-ANCHORED METAL-ORGANIC FRAMEWORKS (SURMOFS) THIN FILMS MAZEL Antoine - ICMCB - FR</p> |
| <p>11:55 - 452 STUDY OF THE ZEOLITE A CONVERSION INTO SODALITE UNDER SONOHYDROTHERMAL CONDITIONS NZODOM William'S - INSTITUE DE CHIMIE SÉPARATIVE - FR</p> | |

| Catalysis 1 | Physical Chemistry 4 |
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| Room 150 | Room 300 |
| <p>Chairs: PETITJEAN Hugo - ICGM MONTPELLIER - FR CAVALIERE Sara - ICGM -UM CNRS - FR</p> | <p>Chairs: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR COASNE Benoît - CNRS/UNIV. GRENOBLE ALPES - FR</p> |
| <p>INVITED LECTURE 09:55 - 067 ELECTROCATALYSIS ON NANOSTRUCTURED CARBON AND METAL OXIDES CAVALIERE Sara - ICGM -UM CNRS - FR</p> | <p>INVITED LECTURE 09:55 - 093 PHYSICAL-CHEMISTRY AT BIOINTERFACES: FROM NANOSTRUCTURING TO "SOFTNESS" MARLETTA Giovanni - UNIV. OF CATANIA AND CSGI - IT</p> |
| <p>10:40 - 247 MOLECULAR ELECTROCHEMICAL REDUCTION OF N₂-TO-NH₃ WITH A MN CATALYST DE FREITAS Jérémy - LEM - FR</p> | <p>10:40 - 293 MULTISCALE ANALYSIS IN BREAST TISSUE: TOWARDS THE UNDERSTANDING OF BIOMINERALIZATION PETAY Margaux - INST. DE CHIMIE PHYSIQUE - FR</p> |
| <p>10:55 - 074 STRUCTURE-REACTIVITY LINK OF IMIDAZOLE DERIVATIVES AS CATALYSTS FOR CYCLOADDITION OF CO₂ TO STYRENE OXIDE DIAS Hugo - IRCELYON - FR</p> | <p>10:55 - 135 IN SILICO CHIROPTICAL PROPERTIES OF LANTHANIDE COMPLEXES LE GUENNIC Boris - ISCR - UNIV. RENNES - FR</p> |
| <p>11:10 - 466 TOWARDS THE DEVELOPMENT OF A SUSTAINABLE POLYCARBONATE SYNTHESIS BY A COPOLYMERIZATION OF CO₂ WITH EPOXIDES RAIS Meriem - LCC - FR</p> | <p>11:10 - 144 DETERMINATION OF MAGNETIC EXCHANGE COUPLINGS IN KS-DFT: THE DECOMPOSITION AND RECOMPOSITION METHODS DAVID Grégoire - ISCR - FR</p> |
| <p>11:25 - 239 ORTHO-HALOGENATED S-TETRAZINE SCAFFOLD: SYNTHESIS AND APPLICATIONS ROGER Julien - ICMUB, BURGUNDY UNIV. - FR</p> | <p>11:25 - 155 HYGROSCOPIC PROPERTIES OF MIXED ORGANIC AND INORGANIC ATMOSPHERIC SINGLE PARTICLES BOURDON Gwendoline - ISM / EPOC - FR</p> |
| <p>11:40 - 305 AUTO TANDEM CATALYSIS: ENANTIOSELECTIVE SYNTHESIS OF HETEROCYCLES FROM BENZYLIDENE MELDRUM ACID'S TOFFANO Martial - CNRS - UNIV. PARIS-SACLAY - FR</p> | |

**Pol&Mat: Structure and dynamics
of polymer and (nano)material self-
assemblies**

Room BC

Chairs:

COLOMINES Gael - GEPEA, IUT DE NANTES - FR

DENIAU Elise - IPREM PAU - FR

INVITED LECTURE

**09:55 - 040 | MORPHOLOGICAL CONTROL OF SELF-
ASSEMBLED STIMULI RESPONSIVE AMPHIPHILIC
BLOCK COPOLYMERS FOR THE DESIGN OF SMART
COMPLEX FLUIDS AND RESPONSIVE EMULSIONS**

DENIAU Elise - IPREM PAU - FR

**10:25 - 064 | MONOLITHIC ASSEMBLY OF METAL-
ORGANIC FRAMEWORK**

CARBONI Michael - CEA - FR

**10:40 - 105 | MOF/CHITOSAN COMPOSITES FOR THE
CAPTURE OF GASEOUS IODINE**

DHAINAUT Jérémy - CNRS - FR

**10:55 - 207 | SURFACE COLOR ON DEMAND:
CHAMELEON EFFECT**

MOUGIN Karine - IS2M - CNRS - FR

**11:10 - 345 | PLASMONIC INKS AND CHAMELEON
EFFECT**

GHELLAL Feriel - IS2M - FR

**11:25 - 417 | HIGHLY LUMINESCENT RARE-EARTH-
FREE RED PHOSPHOR CONSTITUTED OF SRB
MOLECULES INTERCALATED INTO LAYERED
DOUBLE HYDROXIDE**

ZERBIB Guillaume - ICCF - FR

**11:40 - 282 | ZEOLITE/POLYMER BASED COMPOSITES
OBTAINED BY PHOTOPOLYMERIZATION FOR 3D
PRINTING AND ION EXCHANGE**

SIMON-MASSERON Angélique - IS2M CNRS UMR 7361
UHA - FR

| Organic Chemistry 5 | Industrial Chemistry 3 |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: DAUBAN Philippe - ICSN-CNRS UNIV. PARIS SACLAY - FR OUDEYER Sylvain - COBRA LABORATORY (UMR 6014) - FR</p> | <p>Chairs: BOISSONNAT Guillaume - PILI - FR AGUSTIN Dominique - LCC-IUT - FR</p> |
| <p>INVITED KEYNOTE 12:55 - 024 ORGANIC SYNTHESIS ASSISTED BY ELECTROCHEMISTRY VANTOUROUT Julien - ICBMS - FR</p> | <p>INVITED LECTURE 12:55 - 082 INNOVATION THROUGH PROCESS DEVELOPMENT, ENABLING TECHNOLOGIES AND COLLABORATIONS DELBRAYELLE Dominique - MINAKEM RECHERCHE - FR</p> |
| <p>13:25 - 191 HOW A MACROSCOPIC MECHANICAL STIMULUS LEADS TO THE REVERSIBLE TUNING OF THE DIHEDRAL ANGLE OF ATROPISOMERS-CROSSLINKED IN AN ELASTOMER? WEISS Robin - INST. CHARLES SADRON - CNRS - FR</p> | <p>INVITED LECTURE 13:25 - 015 AFM-IR : WHEN ATOMIC FORCE MICROSCOPY MEETS INFRARED DAZZI Alexandre - ICP - UNIV. PARIS SACLAY - FR</p> |
| <p>13:40 - 381 WAZABY: A NIR-I / NIR-II FLUORESCENT PLATFORM FOR IN VITRO AND IN VIVO MOLECULAR IMAGING AND THERANOSTICS BODIO Ewen - ICMUB - UNIV. BOURGOGNE - FR</p> | |
| <p>13:55 - 259 VINYLOGOUS SYNTHESIS OF CHIRAL HETEROCYCLES BRIÈRE Jean-François - COBRA LABORATORY - FR</p> | <p>13:55 - 185 ISOSORBIDE BASED EPOXY RESIN FOR SUSTAINABLE POLYMER DEVELOPMENT VANBESIEEN Théodore - ROQUETTE FRERES - FR</p> |
| <p>14:10 - 306 A TWO-STEP BIOCONJUGATION METHODOLOGY BASED ON CLICK CHEMISTRY FOR THE MODIFICATION OF THE ADENO-ASSOCIATED VIRUS CAPSID MARCHAND Maia - NANTES UNIV. - FR</p> | <p>14:10 - 359 ONE-POT SYNTHESSES OF BIODEGRADABLE AND NON-ECOTOXIC SURFACTANTS FROM ALGAL POLYSACCHARIDES AND PECTINS NOIRBENT Guillaume - ENSC RENNES - FR</p> |
| <p>14:25 - 421 CRITICAL LIGAND AND SALT EFFECTS IN ORGANOMAGNESIATE-PROMOTED 3,3'-DISUBSTITUTED PHTHALIDES SYNTHESIS TOUCHET Sabrina - UNIV. DE LORRAINE - L2CM - FR</p> | <p>14:25 - 454 MOLTEN SALT TREATMENT PROCESS FOR RECYCLING TECHNOLOGICAL CERAMICS AUFFRET Ewen - UCCS - FR</p> |
| <p>14:40 - 436 PATHWAYS TO IMPROVE THE CHIROPTICAL PROPERTIES OF HELICENE MOLECULES VIA EXCITON COUPLING CHIRALITY DHBAIBI Kais - POLYMAT - ES</p> | <p>14:40 - 360 FROM LAB ECO-CONCEPTION TO INDUSTRIAL SCALE PRODUCTION: COSMEGREEN E1822+, AN EXAMPLE OF R&D ADAPTATION TO GREEN CHEMISTRY AND ACTUAL SOCIO-ECONOMIC CONTEXTS DURAND Laura - ENSCR (RENNES) - FR</p> |

| Solid State Chemistry 5 | Coordination Chemistry 5 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Club Atlantique | Room R0-2 |
| <p>Chairs: TENCÉ Sophie - CNRS - FR BONNET Pierre - ICCF - UCA - FR</p> | <p>Chair: GENNARI Marcello - DCM - FR</p> |
| <p>12:55 - 459 DISCOVERY OF NEW SPHALERITE-DERIVATIVE THERMOELECTRIC SULFIDES GUILMEAU Emmanuel - CRISMAT/CNRS - FR</p> | <p>INVITED LECTURE 12:55 - 017 REDUCTIVE QUENCHING OF THE EXCITED STATE OF CU(II) COMPLEXES: FROM THEORY TO APPLICATIONS PELLEGRIN Yann - CEISAM CNRS - FR</p> |
| <p>13:10 - 089 WET SYNTHESIS OF Bi2Te3-XSEX TERNARY PARTICLES FOR THERMOELECTRIC APPLICATIONS SIDDIQUI Mohammad - LCMT, ENSICAEN - FR</p> | <p>13:25 - 085 STIMULI-SENSITIVE LUMINESCENT PROPERTIES OF A CuI8PdII1 SUPRAMOLECULAR METALLACYCLE ASSEMBLY LECOURT Constance - ISCR-INSA RENNES - FR</p> |
| <p>13:25 - 385 AB-INITIO STUDY OF THE STRUCTURAL AND ELECTRONIC PROPERTIES OF TeO2 GLASS AND MELT RAGHVENDER Raghvender - IRCER (UNIV. OF LIMOGES) - FR</p> | <p>13:40 - 457 HIGH-PRESSURE STRUCTURAL TRANSITIONS IMPACTED BY NANOSTRUCTURATION IN ALKALI METAL FLUORIDES LEMOINE Kevin - ICCF - FR</p> |
| <p>13:40 - 457 HIGH-PRESSURE STRUCTURAL TRANSITIONS IMPACTED BY NANOSTRUCTURATION IN ALKALI METAL FLUORIDES LEMOINE Kevin - ICCF - FR</p> | <p>13:40 - 172 NEAR-INFRARED EMITTING BINUCLEAR COPPER(II) COMPLEXES FOR LIGHT-EMITTING ELECTROCHEMICAL CELLS MAURO Matteo - UNIV. DE STRASBOURG - FR</p> |
| <p>13:55 - 393 TAPERED CROSS SECTION PHOTOELECTRON SPECTROSCOPY, AN APPROACH TO INVESTIGATE BURIED INTERFACES OF ENERGY MATERIALS MAHEU Clément - TU DARMSTADT - DE</p> | <p>13:55 - 338 GROUP 13 METALS AZA-MDIPY, AS NEW NIR-FLUOROPHORES CAVE Charlotte - ICMUB - FR</p> |
| <p>14:10 - 364 INSIGHTS INTO THE ADSORPTION OF CO2 IN UiO-66 MOF SERIES USING SOLID-STATE NMR NADOL Athulya - CENTRALE LILLE - FR</p> | <p>14:10 - 125 COORDINATION OF GERMANES BY RUTHENIUM DIPHOSPHINE COMPLEXES CHANDRAN Aswin - UNIV. OF YORK - GB</p> |
| <p>14:25 - 351 CALCIUM PHOSPHATE CEMENTS COMBINED WITH BLOOD AS A PROMISING TOOL FOR THE TREATMENT OF BONE MARROW LESIONS LIMELETTE Maxence - CEISAM LABORATORY - FR</p> | <p>14:25 - 244 CRYSTALLINE MOLECULAR ASSEMBLIES OF NIOBIUM(IV) AND NIOBIUM(V) CLUSTERS WITH VARIOUS POLYNUCLEAR CORES DUVAL Sylvain - UNIV. DE LILLE - FR</p> |
| <p>14:40 - 467 STUDIES ON SOLID-VAPOR EQUILIBRIA TO DEVELOP NEW SOLID MATERIALS: THE CASE OF HYDRATES CARTIGNY Johann - UNIV. DE ROUEN - FR</p> | <p>14:40 - 210 HOW COORDINATION CHEMISTRY CAN IMPROVE THE PERFORMANCE OF SILICON ELECTRODES FOR LI-ION BATTERIES DEVIC Thomas - CNRS - FR</p> |

| Catalysis 2 | | Physical Chemistry 5 | |
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| Room 150 | | Room 300 | |
| <p>Chairs: OUALI Armelle - CNRS - FR LEFEVRE Guillaume - CNRS - FR</p> | | <p>Chairs: SOBANSKA Sophie - CNRS ISM BORDEAUX - FR DEN AUWER Christophe - UNIV. CÔTE D'AZUR - FR</p> | |
| <p>INVITED LECTURE 12:55 - 083 NEW OPPORTUNITIES IN IRON CATALYSIS ENABLED BY THERMALLY STABLE NON-INNOCENT COMPLEXES LEFEVRE Guillaume - CNRS CHIMIE PARISTECH - FR</p> | | <p>INVITED LECTURE 12:55 - 070 INTEGRATING MOLECULAR SPECTROSCOPY TOOLS AND CONCEPTS TO GLYCOMICS WORKFLOWS COMPAGNON Isabelle - UNIV. LYON - FR</p> | |
| <p>13:40 - 470 DESIGNING MOLECULAR-DEFINED IRON COMPLEXES FOR LIGHT DRIVEN REDUCTION OF CARBOXYLIC DERIVATIVES DARCEL Christophe - UNIV. DE RENNES - FR</p> | | <p>INVITED LECTURE 13:25 - 165 RECENT ADVANCES ABOUT THE MULTI-SCALE STRUCTURAL PROPERTIES & FORMATION MECHANISM OF PLUTONIUM OXIDE NANOPARTICLES IN AQUEOUS SOLUTION VIROT Matthieu - CEA ICSM MARCOULE - FR</p> | |
| <p>13:55 - 193 CU(I)-USY AS GREEN CATALYST FOR COUPLING REACTIONS DI Xiaohui - UMR7177 STRASBOURG - FR</p> | | <p>13:55 - 268 BREAKING PHOTOSWITCH ACTIVATION DEPTH LIMIT USING IONIZING RADIATION TO OPEN A NEW SPACE OF BIOLOGICAL APPLICATIONS BORT Guillaume - INST. CURIE - FR</p> | |
| <p>14:10 - 431 CHIRAL PYRIDINIUM SALTS AS PRECURSORS OF 2-PYRIDYLIDENES FOR ASYMMETRIC ALLYLIC ALKYLATION BOUËTARD Dylan - ENSCR - FR</p> | | <p>14:10 - 290 MODELLING GLUTAMATE VESICULAR RELEASE MONITORED WITH CYLINDRICAL ENZYMIC NANO-ELECTRODES OLEINICK Alexander - CNRS, UMR 8640 PASTEUR - FR</p> | |
| <p>14:25 - 478 ECO-EFFICIENT SYNTHETIC ROUTES TO THIOETHERS, ETHERS AND BENZOPHENONES WANG Dongjie - UNIV. OF MONTPELLIER - FR</p> | | <p>14:25 - 109 DECIPHERING THE DYNAMICS OF GALVANIC REPLACEMENT REACTION TO DESIGN METALLIC CAGES AS FREE-STANDING ELECTROCATALYSTS HOLADE Yaovi - IEM MONTPELLIER - FR</p> | |
| <p>14:40 - 443 LIGHT DRIVEN IRON-CATALYZED C-P CROSS-COUPLING OF STYRENES WITH SECONDARY PHOSPHINE OXIDES YUAN Yumeng - CNRS - FR</p> | | <p>14:40 - 202 VOLATILE CONSTITUENTS OF THE CORSICAN LIVERWORT, DIPLOPHYLLUM ALBICANS EL ALI Manal - UNIV. DE CORSE - FR</p> | |

Pol&Mat: Polymers for life sciences

Room BC

Chairs:

SANDRE Olivier - LCPO CNRS, UNIV. & INP BORDEAUX - FR

FAVIER Arnaud - CNRS - FR

INVITED LECTURE

12:55 - 033 | FLUORESCENT POLYMER NANOPROBES FOR BIOIMAGING

FAVIER Arnaud - CNRS - FR

13:25 - 192 | DEVELOPMENT OF ELECTROSTATIC POLYMER COMPLEXES FOR THE LOCAL AND CONTROLLED RELEASE OF ACTIVES.

HELLO Romain - CRPP/CNRS - FR

13:40 - 384 | MULTI-CORE CURQMAG NANO-ASSEMBLIES FOR MAGNETIC NANOHYPERThERMIA

LARTIGUE Lénaïc - CEISAM-UMR6230 - FR

13:55 - 054 | 3D PRINTING, WET SPINNING AND CELL CULTURE WITH CARBOHYDRATE LOW MOLECULAR WEIGHT SUPRAMOLECULAR HYDROGELS

FITREMANN Juliette - IMRCP - CNRS - TOULOUSE - FR

14:10 - 090 | ADSORPTION OF INSULIN HEXAMER ONTO POLYMER MATERIALS

FAYON Pierre - UCA - FR

14:25 - 175 | MEMBRANE SPACERS CHARGED WITH MAGNESIUM OXIDE FOR BIOFOULING ATTENUATION IN WASTEWATER TREATMENT: ELABORATION AND CHARACTERIZATION

FOUILLOUX Julie - UNIV. PARIS-EST CRÉTEIL - FR

14:40 - 313 | AUTONOMOUS MICROPATTERNING OF HYDROGEL THROUGH ENZYME-ASSISTED SELF-ASSEMBLY PROCESSES

RUNSER Jean-Yves - INSERM U1121 - FR

TUESDAY 27 JUNE 2023 >> 15:15 - 17:15

| Organic Chemistry 6 | Industrial Chemistry - Round Table |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: TESSIER Arnaud - CEISAM LABORATORY - FR BLOND Gaelle - UNIV. DE STRASBOURG - FR</p> | <p>Chairs: SOSA VARGAS Lydia - CNRS-SORBONNE UNIV. - FR LATIEULE Sylvie - INFOCHIMIE - FR</p> |
| <p>INVITED LECTURE 15:15 - 533 FROM MECHANISITIC STUDIES OF METAL-CATALYZED PROCESS TO MACHINE LEARNING-ASSISTED REACTION YIELD PREDICTION GRIMAUD Laurence - CNRS - FR</p> | <p>15:15 - INDUSTRIAL CHEMISTRY - ROUND TABLE</p> <ul style="list-style-type: none"> • PETAT Jean-Marc - BASF- division Agro - FR • LE FLOCH Fannie - Palais de la Découverte - FR • DHAINAUT Jérémy - CNRS - FR • BOISSONNAT-WU Guillaume - PILI - FR • LATIEULE Sylvie - INFOPRO DIGITAL GROUP- FR • SOULTANI-VIGNERON Samia - Pays de la Loire Régional Council - FR |
| <p>16:00 - 206 NEW BORINIC PROBES FOR FAST DETECTION AND IMAGING OF CELLULAR HYDROGEN PEROXIDE VAUZEILLES Boris - CNRS-ICSN - FR</p> | |
| <p>16:15 - 280 MECHANOCHEMICAL [3+2] CYCLOADDITION OF SYDNONES: AN EASY ACCESS TO PYRAZOLE AND INDAZOLE SCAFFOLDS LUTTRINGER Florian - IBMM - FR</p> | |
| <p>16:30 - 101 TOWARD THE TOTAL SYNTHESIS OF KIDAMYCIN SANCHEZ Camille - CEISAM - FR</p> | |
| <p>16:45 - 308 SELF IMMOLATIVE LINKER FOR FAST RELEASE OF CARBOXYLIC ACID INSIDE CELL WONG Yung-Sing - UNIV. GRENOBLE ALPES - FR</p> | |
| <p>17:00 - 195 MOLECULAR TWEEZERS FOR MULTIFUNCTIONAL SWITCHABLE ORGANOGELS MSELLEM Pablo - SORBONNE UNIV. - FR</p> | |

TUESDAY 27 JUNE 2023 >> 15:15 - 17:15

| Energy 2 and Solid State Chemistry joint session: Secondary Batteries | French Young Chemists Network (RJ-SCF) 2 |
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| Club Atlantique | Room R0-2 |
| <p>Chairs: CHENEVIER Pascale - UNIV. GRENOBLE ALPES - CEA - FR ROUSSEL Pascal - UCCS - CNRS UMR 8181 - FR</p> | <p>Chairs: VAUTHIER Madeline - UNIV. OF STRASBOURG - FR GRIFFETE Nébéwia - PHENIX - SORBONNE UNIV. - FR</p> |
| <p>INVITED LECTURE 15:15 - 051 X-RAY ABSORPTION SPECTROSCOPY FOR ENERGY STORAGE MATERIALS IADECOLA Antonella - CNRS - FR</p> | <p>INVITED LECTURE 15:15 - 223 BF2-CURCUMINOÏDES FOR ORGANIQUE PHOTOVOLTAICS ZABOROVA Elena - AIX-MARSEILLE UNIV.- FR</p> |
| <p>16:00 - 357 MICROSTRUCTURE & MORPHOLOGICAL EVOLUTION OF SOLID-STATE BATTERIES DURING CYCLING VILLEVIEILLE Claire - LEPMI - CNRS - FR</p> | <p>15:45 - 503 CONDUCTIVE POLYMERS- ALTERNATIVE PROMISING MATERIALS FOR ENERGY PAVEL Ileana Alexandra - UTINAM - FR</p> |
| <p>16:30 - 212 CUSTOM SYNTHESIS OF SILICON NANOWIRES FOR NANOCOMPOSITES IN HIGH ENERGY DENSITY LITHIUM-ION BATTERIES KELLER Caroline - LISE - FR</p> | <p>16:05 - 095 PLAYING WITH THE STRUCTURE OF CONJUGATED (MACRO)-MOLECULES FOR ORGANIC ELECTRONICS BINIEK Laure - CNRS - INST. CHARLES SADRON - FR</p> |
| <p>17:00 - 437 TOWARDS AN UNDERSTANDING OF THE METAL / INSULATOR / AQUEOUS ELECTROLYTE INTERFACES IN HIGH VOLTAGE ELECTROLYTIC MICRO-CAPACITORS TEYSSÉDOU Cédric - IEMN - UCCS - FR</p> | <p>16:35 - 363 PHOTO-INDUCED NITRATION OF HETEROARENES VIA A COPPER-CATALYZED ACTIVATION OF CARBOXYLIC ACIDS KERACKIAN Taline - CEA - FR</p> |
| <p>16:55 - 456 SYNTHESIS AND REACTIVITY OF LOW-VALENT ZN(I)-ZN(I) COMPLEXES: A COMBINED DFT AND EXPERIMENTAL STUDY LE ROCH Mikaël - IPCM / LCT - FR</p> | |

TUESDAY 27 JUNE 2023 >> 15:15 - 17:15

| Catalysis and Coordination Chemistry joint session | | Physical Chemistry 6 | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Room 150 | | Room 300 | |
| Chairs: CESAR Vincent - LCC-CNRS - FR OUALI Armelle - CNRS - FR | | Chair: COUSSAN Stephane - CNRS AIX-MARSEILLE UNIV. - FR | |
| INVITED LECTURE 15:30 - 013 HETEROBIMETALLIC COMPLEXES FOR COOPERATIVE REACTIVITY CAMP Clément - CNRS - FR | | INVITED LECTURE 15:15 - 077 CHARACTERIZATION OF THE ADSORPTION PROCESS BY MOLECULAR SIMULATION MALFREYT Patrice - CLERMONT AUVERGNE UNIV. - FR | |
| 16:00 - 184 REDOX-RESPONSIVE CATALYSIS: CHEMOSELECTIVITY ISSUES IN THE INTRAMOLECULAR REACTION OF DIAZO COMPOUNDS CATALYSED BY FERROCENE-FUNCTIONALISED DIRHODIUM(II) COMPLEXES LABANDE Agnès - LCC - FR | | 15:45 - 115 MULTI-STIMULI RESPONSIVE MECHANOFLUOROCHROMIC MATERIALS ALLAIN Clémence - CNRS/ ENS PARIS-SACLAY - FR | |
| 16:00 - AWARDS CEREMONY AND CLOSED DOOR DISCUSSION PHYSICAL CHEMISTRY COUNCIL Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR | | | |
| 16:15 - 234 N-HETEROCYCLIC CARBENE LIGANDS BEARING PARALLELLY STACKED AROMATICS FOR EFFICIENT RUTHENIUM OLEFIN METATHESIS CATALYSTS KRZESINSKI Pawel - LCC CNRS - FR | | | |
| 16:30 - 300 ELECTRIFICATION OF A MILSTEIN-TYPE CATALYST FOR ALCOHOL REFORMATION CRISANTI Francesco - GROUP REACTE - LEM - FR | | | |
| 16:45 - 480 ZIRCONIUM-MEDIATED C-F BOND ACTIVATION BONFANTE Sara - UOY/LCC - UK | | | |
| 17:00 - 354 IRON-SULFUR CLUSTERS: SYNTHETIC CHALLENGES AND APPLICATIONS TO CATALYSIS MOUGEL Victor - ETH ZURICH - CH | | | |

Pol&Mat: (nano)materials for life sciences

Room BC

Chairs:

COLOMINES Gael - GEPEA, IUT DE NANTES - FR
SANDRE Olivier - LCPO CNRS, UNIV. & INP BORDEAUX - FR

15:15 - 372 | UNMODIFIED AND CTAB MODIFIED CARBON PASTE ELECTRODES AS SENSORS FOR ELECTROANALYSIS OF NITRITES IN AQUARIUM WATER AND RAT BLOOD

MBOKOU FOUKMENIOK Serge - ANGERS UNIV. - BJ

15:30 - 424 | CASCADE STRATEGY FOR TRIGGERED RADICAL RELEASE BY MAGNETIC NANOPARTICLES GRAFTED WITH THERMOSENSITIVE ALKOXYAMINE

BOUVET Basile - ICGM - FR

15:45 - 439 | HIGHLIGHTING OF A CONFINEMENT DRIVEN NUCLEATION MECHANISM OF METAL OXIDE NANOPARTICLES OBTAINED VIA THERMAL DECOMPOSITION IN ORGANIC MEDIA

BEGIN Sylvie - IPCMS - CNRS - UNISTRA - FR

16:00 - 458 | ENHANCEMENT OF PHOSPHATE REMOVAL USING DESIGNED MAGNETIC IRON OXIDE NANOSTRUCTURES

LUCANTE Theo - CNRS/IPCMS - FR

16:15 - 219 | COMBINED USE OF FORENSIC SCIENCE IN SEXUAL ASSAULT: A CASE REPORT

DA PIAN Marta - ELSEVIER - IT



DETAILED PROGRAMME

WEDNESDAY 28 JUNE 2023

WEDNESDAY 28 JUNE 2023

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| 07:45 | REGISTRATION / WELCOME | Grande Halle |
| 08:15 | <p>WOMEN IN CHEMISTRY ROUND TABLE CONFERENCE</p> <p>Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> <p>029 FEMME(S) EN CHIMIE GERARD Helene - SORBONNE UNIV. - FR</p> | Auditorium 800 |
| 08:55 | <p>PLENARY FRENCH-PORTUGUESE SCF AWARD</p> <p>Chairs: PADUA Agilio - ENS DE LYON - FR SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> <p>012 PROBING STRUCTURE AND INTERACTIONS IN IONIC LIQUIDS AND OTHER NANO-SEGREGATED SYSTEMS CANONGIA LOPES José Nuno - CQE - IST - ULISBOA - PT</p> | Auditorium 800 |
| 09:35 | Coffee break | Grande Halle |
| 10:00 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 12:00 | Lunch | Grande Halle |
| 12:55 | ORAL SESSIONS | Auditorium 800 Room R0-1 Club Atlantique Room R0-2 Room 150 Room 300 Room BC |
| 15:00 | <p>JOSEPH-ACHILLE LE BEL SCF AWARD</p> <p>Chairs: SCHULZ Emmanuelle - UNIV. PARIS-SACLAY ICMMO - FR BELLEMIN-LAPONNAZ Stéphane - CNRS - UNIV. DE STRASBOUR - FR</p> <p>15:00 - 016 PHOSPHORUS AUXILIARIES FOR ENANTIOSELECTIVE GOLD(I) CATALYSIS AND MORE MARINETTI Angela - ICSN - CNRS - FR</p> <p>15:30 - 014 CHALCOGEN BOND ACTIVATION IN THE SOLID STATE: HALIDE NETWORKS, TOPOCHEMICAL REACTIONS AND MOLECULAR CONDUCTORS FOURMIGUÉ Marc - UNIV. DE RENNES - FR</p> | Auditorium 800 |
| 17:55 | CLOSING CEREMONY | Auditorium 800 |

WEDNESDAY 28 JUNE 2023 >> 10:00 - 12:00

| Organic Chemistry 7 | French Young Chemists Network (RJ-SCF) 3 |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: DURANDETTI Muriel - COBRA - ROUEN UNIV. - FR BASLÉ Olivier - LCC-CNRS - FR</p> | <p>Chairs: DHAINAUT Jérémy - CNRS - FR FOUINETEAU Romain - NANTES UNIV. - FR</p> |
| <p>10:00 - 370 PHOTO-GENERATED DIAZONIA FOR AN ANTICANCER THERAPY USING LIGHT LABRO Marine - ENS DE LYON - FR</p> | <p>INVITED LECTURE 10:00 - 171 METALLOENZYME ENGINEERING FOR NEW-TO-NATURE REACTIONS PUJOL Manon - ISM2 - MARSEILLE - FR</p> |
| <p>10:15 - 477 NICKEL METALLAPHOTOREDOX CATALYSIS ENABLING DESULFURATIVE CROSS COUPLING REACTIONS GENILLER Lilian - ICGM - FR</p> | |
| <p>10:30 - 276 ALLOSTÉRIC ASSEMBLY OF [2] SEMIROTAXANES FROM A MULTI-SITE BIS(ZN(II)-PORPHYRIN) CAGE DUROT Stéphanie - LSAMM, UNIV. STRASBOURG - FR</p> | <p>10:30 - 358 INVESTIGATING CRYSTALLIZATION WITH MASS SPECTROMETRY: A NEW WAY TO CHARACTERIZE OLED MOLECULES HIRCHENHAHN Pierre - CEA-LÉTI - FR</p> |
| <p>10:45 - 311 TRANSITION METAL-FREE REGIOSELECTIVE PHOSPHONATION OF PYRIDINES: SCOPE AND MECHANISM NGUYEN Thi Hong Van - THI HONG VAN NGUYEN - FR</p> | <p>10:50 - 104 SURFACES INTELLIGENTES ET NANO-OBJETS VAUTHIER Madeline - UNIV. OF STRASBOURG - FR</p> |
| <p>11:00 - 433 ENANTIOSELECTIVE INTERMOLECULAR [2+2] PHOTOCYCLOADDITION ON QUINOLONE SUBSTRATES DE ROBICHON Morgane - TECHNICAL UNIV. OF MUNICH - DE</p> | |
| <p>INVITED KEYNOTE 11:15 - 110 FROM SUSTAINABLE TRANSFORMATIONS TO SUPRAMOLECULAR APPROACHES IN CATALYSIS GRAMAGE-DORIA Rafael - UNIV. OF RENNES - FR</p> | <p>11:20 - ROUND TABLE FRENCH YOUNG CHEMISTS NETWORK (RJ-SCF)</p> <ul style="list-style-type: none"> Manon PUJOL, Inst. des Sciences Moléculaires de Marseille - FR Madeline VAUTHIER, Inst. Charles Sadron, Strasbourg - FR Thomas LOUINEAU, Laboratoire GEPEA UMR CNRS 6144, La Roche-sur-Yon - FR Louis ANTOINE, Laboratoire GEPEA UMR CNRS 6144, La Roche-sur-Yon - FR Zahra ABA, Activ-H, Paris - FR |
| <p>11:45 - AWARD CEREMONY Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> | |

WEDNESDAY 28 JUNE 2023 >> 10:00 - 12:00

| Energy 3: Hydrogen and Fuel cells | Sustainable Chemistry 1 |
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| Club Atlantique | Room R0-2 |
| <p>Chairs: PONTIÉ Maxime - UNIV. D'ANGERS - FR PAILLERET Alain - SORBONNE UNIV. - FR</p> | <p>Chairs: AGUSTIN Dominique - LCC-IUT - FR LAUNAY Franck - LRS - SORBONNE UNIV. - FR</p> |
| <p>INVITED LECTURE 10:00 - 043 PRODUCTION AND CONVERSION OF HYDROGEN INTO ELECTRICITY: TECHNOLOGICAL ACHIEVEMENTS AND REMAINING CHALLENGES LE GAL LA SALLE Annie - INST. DES MATERIAUX NANTES - FR</p> | <p>INVITED LECTURE 10:00 - 499 CRISIS OF THE SUPPLY OF CRITICAL METALS: POSSIBLE ANSWERS FROM CHEMISTRY TOULHOAT Pierre - ACADEMIE DES TECHNOLOGIES - FR</p> <p>10:30 - 186 SUPERCRITICAL CO2 EXTRACTION OF RARE EARTH ELEMENTS FROM E-WASTE DENG Yueshen - ECOLOGIC/CEA PARIS-SACLAY - FR</p> |
| <p>10:45 - 269 FROM PLASTIC WASTE TO H₂: ELECTRO-OXIDATION OF POLY(ETHYLENE GLYCOL) SOLUTIONS GRIMALDOS OSORIO Nicolas - LYON - FR</p> | <p>10:45 - 086 VALORIZATION OF FATTY WASTES BY CATALYTIC HYDROGENATION USING COBALT NANOPARTICLES SUPPORTED ON A NATURAL CLAY SERRANO-MALDONADO Alejandro - LHFA CNRS UT3-PS - FR</p> <p>11:00 - 403 REUSABLE POLYPHENOL-MODIFIED FOAM FOR THE CONTINUOUS ADSORPTION/DESORPTION OF METAL IONS TRACES GOURMAND Cléophee - UNIV. OF STRASBOURG - FR</p> |
| <p>11:15 - 285 DYE-SENSITIZED PHOTOCATALYTIC SYSTEMS FOR SOLAR-DRIVEN HYDROGEN PRODUCTION ROMITO Déborah - NANTES UNIV. - FR</p> | <p>11:15 - 408 SELF-SENSITIZED PHOTOOXIDATION OF HYDROXYNAPHTHALENES TO NAPHTHOQUINONES AND THE USE OF NAPHTHOQUINONES AS VISIBLE-LIGHT PHOTOSENSITIZERS LANCEL Maxime - CNAM - FR</p> |
| <p>11:30 - 445 BIOREMOVAL OF DYES IN A MICROBIAL FUEL CELL BY THE FUNGUS TRICHODERMA HARZIANUM VOTAT Sébastien - UNIV.ERSITE DE ROUEN - FR</p> | <p>11:30 - 039 ANALYSIS OF ZETA POTENTIAL CHANGES OF MICROORGANISMS UNDER THE INFLUENCE OF HEAVY METALS NAUMOWICZ Kacper - UNIV. OF BIALYSTOK - PL</p> |
| <p>11:45 - 373 MICROBIAL AND PHOTOSYNTHETIC FUEL CELLS FOR WASTEWATER TREATMENT WITH CONCOMITANT ELECTRICITY GENERATION INNOCENT Christophe - SCF /UNIV.ERSITÉ DE MONTPELLIER - FR</p> | |

WEDNESDAY 28 JUNE 2023 >> 10:00 - 12:00

| Catalysis and Solid State Chemistry joint session dedicated to photocatalysis 1 | Physical Chemistry 7 |
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| Room 150 | Room 300 |
| <p>Chairs: BONDUELLE Audrey - IFP ENERGIES NOUVELLES - FR MARCEAU Éric - UCSS - UNIV. DE LILLE - CNRS - FR</p> | <p>Chair: PERROT Hubert - LISE (CNRS-SU) - FR</p> |
| <p>INVITED LECTURE 10:00 - 081 CHALLENGES AND STRATEGIES FOR THE SYNTHESIS OF SOLAR FUELS BY CO₂ PHOTOREDUCTION BONDUELLE Audrey - IFP ENERGIES NOUVELLES - FR</p> | <p>INVITED LECTURE 10:00 - 036 MOLECULAR CATALYSIS OF ELECTROCHEMICAL REACTIONS - PRINCIPLES AND APPLICATIONS TO SMALL MOLECULES ACTIVATION COSTENTIN Cyrille - UNIV. GRENOBLE ALPES - FR</p> |
| <p>10:45 - 189 MERGING PHOTOREDOX CATALYSIS AND BALL-MILLING FOR A BRIGHTER FUTURE BANTREIL Xavier - IBMM - MONTPELLIER UNIV. - FR</p> | <p>10:30 - 250 RETRIEVING MISSING LINKS BETWEEN THE CHEMICAL SYNTHESIS, OPTICAL PROPERTIES AND REACTIVITY OF MODERN PICTORIAL MATTER GONZALEZ Victor - PPSM - ENS PARIS-SACLAY - FR</p> |
| <p>11:00 - 347 POLYOXOMETALATES ON CATIONIC ORGANIC POLYMERS AS PHOTOCATALYSTS IN OXIDATION REACTIONS RANSCHT Alisa - IRCELYON-CNRS - FR</p> | <p>10:45 - 310 CH₄-CO₂ REPLACEMENT MECHANISM AND KINETICS IN ZEOLITIC ICE : REVEALING THE DOUBLE OCCUPATION MECHANISM OMRAN Ahmed - LCS-CNRS - FR</p> |
| <p>11:15 - 291 3D-PRINTED EOSIN Y-BASED HETEROGENEOUS PHOTOCATALYST FOR ORGANIC REACTIONS DELACOURT Cloé - IS2M/LIMA - FR</p> | <p>11:00 - 242 MODELING OF VIBRATIONAL STRONG COUPLING BOWLES Jessica - LCT - SORBONNE UNIV. - FR</p> |
| <p>11:30 - 263 MOLECULAR HETEROGENEOUS PHOTOCATALYSTS FOR VISIBLE LIGHT DRIVEN CO₂ PHOTOREDUCTION CANIVET Jerome - CNRS-UNIV. LYON - FR</p> | <p>11:15 - 330 NANOSCALE INFRARED CHARACTERIZATION OF EXTRATERRESTRIAL RYUGU SAMPLES RETURNED BY THE HAYABUSA 2 SPACE MISSION MATHURIN Jérémie - ICP, UPSACLAY, CNRS - FR</p> |
| <p>11:45 - 010 ELABORATION, CHARACTERIZATION AND PHOTOCATALYTIC PROPERTIES OF SPINEL DERIVED FROM LAYERED DOUBLE HYDROXIDE ELHALIL Alaâeddine - ESTC - UH2C - MOROCCO</p> | <p>11:30 - 030 THEORETICAL EXPLORATION OF REDUCTION MECHANISMS FOR NANOPARTICLES SYNTHESIS GERARD Helene - SORBONNE UNIV. - FR</p> |
| | <p>11:45 - AWARDS CEREMONY PHYSICAL CHEMISTRY 3 Chair: SCUDERI Débora - INST. DE CHIMIE PHYSIQUE - FR</p> |

WEDNESDAY 28 JUNE 2023 >> 10:00 - 12:00

Education and Training 1

Room BC

Chairs:

BONIN Julien - UNIV. PARIS CITÉ - FR
RANDOM Jérôme - UCBL UNIV. LYON1 - FR

INVITED LECTURE

**10:00 - 078 | ENSEIGNER LA COULEUR :
EXPÉRIENCES CLÉS ET REGARDS CROISÉS**
DELAHAYE Julien - INST. NEEL CNRS - FR

10:45 - 166 | LA CHIMIE, UNE ALLIÉE À LA CRÉATION PICTORALE

GUILLEMENEY Lilian - ENS DE LYON - FR

11:10 - 170 | A LA DECOUVERTE DES ETONNANTES PROPRIETES DE LA LUMIERE AVEC LE KIT PEDAGOGIQUE LIGHTBOX

DAUSSY Christophe - LPL - CNRS- ATOUTS SCIENCES - FR

11:35 - 120 | INJECTER LE DÉVELOPPEMENT DURABLE DANS LES COURS DE CHIMIE ORGANIQUE

WEISSFLOCH Alexandra - VANCOUVER ISLAND UNIV. - CA

WEDNESDAY 28 JUNE 2023 >> 12:50 - 15:00

| Organic Chemistry 8 | Industrial Chemistry 4 |
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| Auditorium 800 | Room R0-1 |
| <p>Chairs: CHOURAQUI Gaëlle - AIX MARSEILLE UNIV. - FR GRAS Emmanuel - CNRS - FR</p> | <p>Chairs: TAMION Rodolphe - ORIL INDUSTRIE - FR WAGNER Alain - CNRS - FR</p> |
| <p>13:00 - 117 SYNTHESSES OF O, N, AND S-HETEROCYCLES THROUGH GOLD-MEDIATED DOMINO REACTIONS BLOND Gaelle - UNIV. DE STRASBOURG - FR</p> <p>13:15 - 297 DIAZIRINE-BORN CARBENES FOR (NEAR-) UNIVERSAL CROSSLINKING LEPAGE Mathieu - LHFA TOULOUSE PAUL SABATIER - FR</p> | <p>INVITED LECTURE 13:00 - 500 RECONSTRUCTED SKIN MODELS : BIOLOGICAL TOOLS TO ASSES COLOR AND THE IMPACT OF LIGHTS SEYLER Nathalie - EPISKIN - FR</p> |
| <p>13:30 - 205 ELECTROCHEMICAL FUNCTIONALIZATION OF READILY ACCESSIBLE ALKENES CASTANHEIRO Thomas - COBRA LABORATORY - FR</p> <p>13:45 - 229 C4-SYMMETRICAL RHODIUM(II) COMPLEXES AND SULFAMATES FOR CATALYTIC SELECTIVE C-N BOND FORMING REACTIONS DAUBAN Philippe - ICSN-CNRS UNIV. PARIS SACLAY - FR</p> | <p>INVITED LECTURE 13:30 - 062 GREENSCORE, AN ENVIRONMENTALLY FRIENDLY DEVELOPMENT TOOL DHULUT Sylvie - ORIL INDUSTRIE - FR</p> |
| <p>14:00 - 461 HIGHLY ENANTIOSELECTIVE FORMATION OF QUATERNARY STEREOCENTERS BY BINOLS CATALYZED ALLYLBORATION AND RELATED REACTIONS ON ISATINS, AND MECHANISM ELUCIADATION LALLI Claudia - CNRS ISCR UMR6226 - FR</p> | <p>14:00 - 111 PHOTOCYCLOADDITIONS WITH LIGNIN DERIVED AOMATIC COMPOUNDS HOFFMANN Norbert - CNRS, UNIV. DE REIMS - FR</p> |
| <p>INVITED LECTURE 14:15 - 031 METAL-FREE MULTI-STEP DOMINO REACTIONS TSOGOEVA Svetlana - FAU - DE</p> | <p>14:15 - 243 SOLVENTLESS CONTINUOUS SYNTHESIS OF ACTIVE PHARMACEUTICAL INGREDIENTS TERIFLUNOMIDE AND MOCLOBEMIDE LAMATY Frédéric - IBMM CNRS UNIV. MONTPELLIER - FR</p> <p>14:30 - 446 PHOTOCATALYSED (3+2) CYCLOADDITION FOR THE DEAROMATIZATION OF ELECTRON-POOR ARENES UNDER FLOW CONDITIONS CHATAIGNER Isabelle - COBRA, UNIV. ROUEN, LCT, SU - FR</p> <p>14:45 - 505 DESIGN NEW ANTICANCER AGENTS USING QSAR AND MOLECULAR DOCKING MKHAYAR Khaoula - LISA - MA</p> |

WEDNESDAY 28 JUNE 2023 >> 12:50 - 15:00

| Energy 4: Pathways for decarbonizing the electricity production | Sustainable Chemistry 2 |
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| Club Atlantique | Room R0-2 |
| <p>Chairs: CHAVAROT-KERLIDOU Murielle - LCBM, GRENOBLE - FR LE VOT Steven - ICGM / UNIV. MONTPELLIER - FR</p> | <p>Chairs: AGUSTIN Dominique - LCC-IUT - FR GUILLARD Jérôme - IC2MP - FR</p> |
| <p>INVITED LECTURE 13:00 - 538 CONVERGENCE BETWEEN NUCLEAR AND RENEWABLE ENERGIES: AN INTEGRATED VISION FOR THE FUTURE NET ZERO 2050 CANTAT Thibault - CEA - FR</p> | <p>INVITED LECTURE 13:00 - 501 MIXING CHEMO- AND BIOCATALYSIS AT ACIDIC PH FOR RARE MONOSACCHARIDE PRODUCTION BY COMBINING ALDOLASE AND N-HETEROCYCLIC CARBENE GOLD CATALYSTS HÉLAINE Christine - UNIV. CLERMONT-AUVERGNE - FR</p> <p>13:30 - 333 MECHANOCHEMICAL ACCESS TO IMINOSYDNONES PETRY Nicolas - IBMM CNRS - FR</p> |
| <p>13:45 - 080 PHOTOACTIVE IRON COMPLEXES AS SENSITIZERS IN DSSCS GROS Philippe - L2CM-UNIV. LORRAINE/CNRS - FR</p> | <p>13:45 - 465 SYNTHESIS OF BIOBASED AMPHIPHILIC DERIVATIVES FROM LIGNIN PELOILLE Maëva - LCPO - FR</p> |
| <p>14:00 - 316 NEAR INFRARED PHOTOSENSITIZERS FOR TRANSPARENT DYES SENSITIZED SOLAR CELLS ANDRIN Baptiste - UNIV. DE NANTES - FR</p> | <p>14:00 - 149 LIGHT AND BIORESOURCES: GREEN COMBINATION TO DESIGN PERFORMING ANTIBACTERIAL MATERIALS BRELOY Louise - ESPCI - FR</p> |
| <p>14:15 - 327 SYNTHESIS OF PHOTOCROMIC MOLECULES FOR DYES SENSITIZED SOLAR CELLS WITH NEUTRAL COLORATION FAUVEL Samuel - CEA - GRENOBLE - FR</p> | <p>14:15 - 167 METHYL COUMALATE, A PROMISING BIO-BASED REAGENT THORIMBERT Serge - SORBONNE UNIVERSITÉ - FR</p> |
| <p>14:30 - 442 SYNTHESIS OF NEW P-CONJUGATED ELECTRON ACCEPTORS FOR THE DEVELOPMENT OF ORGANIC SOLAR CELLS DUFOUR Mathilde - ICGM - FR</p> | <p>14:30 - 388 ACROCOMIA ACULEATA: A NEW SOURCE OF GLUCOMANNAN POLYSACCHARIDE, GREEN EXTRACTION AND STRUCTURAL CHARACTERIZATION BY NMR SPECTROSCOPY DENAGBE Wilfried - ENSCR - FR</p> |
| <p>14:45 - 148 AQUEOUS ORGANIC REDOX FLOW BATTERY FOR STATIONARY ENERGY STORAGE LE VOT Steven - ICGM / UNIV. MONTPELLIER - FR</p> | <p>14:45 - 107 AZOBENZENE, WHEN ORANGE IS GREEN LÉONARD Estelle - TIMR UTC/ESCOM - FR</p> |

WEDNESDAY 28 JUNE 2023 >> 12:50 - 15:00

| Catalysis and Solid State Chemistry joint session dedicated to photocatalysis 2 | | Physical Chemistry 8 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Room 150 | Room 300 | |
| <p>Chairs:</p> <p>BONDUELLE Audrey - IFP ENERGIES NOUVELLES - FR MARCEAU Éric - UCCS - UNIV. DE LILLE - CNRS - FR</p> | <p>Chair:</p> <p>LE GUENNIC Boris - ISCR - UNIV. RENNES - FR</p> | |
| 12:50 - CATALYSIS ORAL AND POSTER REWARD | | |
| <p>Chairs:</p> <p>ROUSSEL Pascal - UCCS - CNRS UMR 8181 - FR COTTINEAU Thomas - CNRS - FR</p> | | |
| <p>INVITED LECTURE 13:00 - 048 MODIFICATION OF SEMICONDUCTING NANOSTRUCTURES FOR PHOTOCATALYSIS AND PHOTOSYNTHESIS APPLICATIONS COTTINEAU Thomas - CNRS - FR</p> | <p>INVITED LECTURE 13:15 - 100 THE JOURNEY OF A MAGNETIC NANOFLOWER: FROM BULK, TO MICROFLUIDICS AND CELLS ABOU-HASSAN Aii - SORBONNE UNIV. - FR</p> | |
| <p>13:45 - 154 HIGHLY FLUORINATED G-C₃N₄ OBTAIN BY GAS-SOLID FLUORINATION AND ITS APPLICATION IN PHOTODEGRADATION BUZDON Tara - UCA - FR</p> | <p>13:45 - 361 PHOTO-CONTROL OF G-QUADRUPLEX DNA FOLDING PERRIN Auriane - LOB, ECOLE POLYTECHNIQUE - FR</p> | |
| <p>14:00 - 410 IMPROVED PROPERTIES OF BIVO₄ HETEROJUNCTIONS IN THIN FILMS DEPOSITED BY REACTIVE MAGNETRON CO-SPUTTERING FOR VISIBLE LIGHT PHOTOCATALYSIS GOUTTE Mathias - ICCF - FR</p> | <p>14:00 - 068 NUCLEAR QUANTUM EFFECTS IN REACTION DYNAMICS SIMULATIONS: FRAGMENTATION, PROTON TRANSFER AND HEAVY ATOM TUNNELING SPEZIA Riccardo - CNRS & SORBONNE UNIV. - FR</p> | |
| <p>14:15 - 402 FIRST PRINCIPLE STUDY ON STRUCTURAL AND ELECTRONIC PROPERTIES OF (SNO₂/TiO₂)_N SUPERLATTICES UNDER BIAxIAL STRAIN HARRATI Najwa - UCCS - ARTOIS UNIV. - FR</p> | <p>14:15 - 079 OPTIMAL SIZES OF IRON OXIDE NANOFLOWERS FOR MAGNETIC HYPERTHERMIA DEPEND ON THE MAGNETIC FIELD CONDITIONS SANDRE Olivier - LCPO CNRS, UNIV. & INP BORDEAUX - FR</p> | |
| <p>14:30 - 451 NANOARCHITECTONICS OF METAL ATOM CLUSTER-BASED BUILDING BLOCKS APPLIED TO THE ENGINEERING OF PHOTOELECTRODES FOR SOLAR CELL APPLICATIONS RENAUD Adèle - ISCR - FR</p> | <p>14:30 - 168 ENHANCED RAMAN APPROACHES FOR UNDERSTANDING ELECTROCHEMICAL REACTIVITY MAISONHAUTE Emmanuel - SORBONNE UNIV. - FR</p> | |
| | <p>14:45 - 449 ANTI-STOKES PHOTOINDUCED ELECTROCHEMILUMINESCENCE AT METAL-INSULATOR-SEMICONDUCTOR PHOTOANODES ZHAO Yiran - UNIV. RENNES - FR</p> | |

Education and Training 2

Room BC

Chairs:

BONIN Julien - UNIV. PARIS CITÉ - FR

RANDOM Jérôme

INVITED LECTURE

13:00 - 084 | LUMINESCENCES : LUMIERE SUR ARDUINO

BOLZE Frédéric - STRASBOURG UNIV. - FR

13:45 - 108 | LE RECOURS A DES JEUX DE SOCIETE PEUT-IL FAIRE EVOLUER LES CONNAISSANCES DES ELEVES EN MOBILISANT PLUSIEURS REGISTRES SEMIOTIQUES

MOLVINGER Karine - ICGM CNRS - FR

14:10 - 504 | AMÉLIORER LA FORMATION SUR LES PILES À COMBUSTIBLE GRÂCE À UN SCÉNARIO DE RÉALITÉ VIRTUELLE

GONZALEZ MARTINEZ Maria - IMT MINES ALBI / RAPSODEE - FR

14:35 - 253 | PHOTOPHYSIQUE ET PHOTOCHEMIE : UNE OPPORTUNITÉ POUR STIMULER LA MOTIVATION DES ÉTUDIANTS, L'INITIATIVE ET LA CRÉATIVITÉ

MEALLET Rachel - PARIS SACLAY UNIV. - FR



POSTER SESSION

GRANDE HALLE

CATALYSIS

002 | CATALYTIC OXIDATION OF N-BUTANOL OVER PLATINUM SUPPORTED MESOPOROUS SILICA CMI-1
MOHAMMEDI Ourida - USDBLIDA1 - DZ

045 | HYDRO-CONVERSION OF CARBON MONOXIDE BY HYDROGEN OVER FUNCTIONALIZED ZEOLITE AND ZEOTYPE AS CATALYST
SAKMECHE Mounir - UNIV. OF ADRAR - DZ

102 | SS-ALKYLATION OF SECONDARY ALCOHOLS WITH PRIMARY ALCOHOLS CATALYZED BY RUTHENIUM-NHC COMPLEXES
MECHROUK Victoria - IPCMS-DMO - FR

196 | STUDY OF CATALYTIC PERFORMANCES OF WASTE MATERIALS IN THE POLYSTYRENE PYROLYSIS
ABDALLAH Gréce - UNIV. DE LILLE - FR

248 | TRANSFER HYDROALKYLATION OF ALKENES WITH FORMATES
MANDELAIRE Félix - CEA PARIS-SACLAY - FR

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362 | REALIZATION AND CHARACTERIZATION OF NANO-STRUCTURED ORGANIC THIN FILMS AS ACCEPTOR AND DONOR LAYERS IN ORGANIC PHOTOVOLTAICS CELLS

LOUARN Guy - INST. DES MATERIAUX NANTES - FR

374 | PHOTOCHEMICAL CYCLIZATION OF RIGID PENTAPHENYLDITHIOPHENE DERIVATIVES AS NEW ELECTRON DONORS FOR π -CONJUGATED MATERIALS

AUMAITRE Cyril - SYMMES/STEP CEA GRENOBLE - FR

379 | SYNTHESIS, NMR, XRD, AND SPECTROSCOPIC STUDIES OF POLY (GLYCOLIDE-CO-E-CAPROLACTONE) FOR IMPROVING THE DRUG RELEASE EFFECT

ASMA Ziane - UNIV. DJILALI LIABES - DZ

405 | SYNTHESIS OF METALATED CORROLES GRAFTED ON POROUS MATERIALS FOR CO DETECTION

LOZE Margerie - ICMUB - FR

406 | CORROLE-BASED POROUS MATERIALS FOR THE DETECTION OF SMALL VOLATILE MOLECULES (CO, NH₃, ...)

RAPADY Ken - ICMUB - FR

519 | DESIGN OF BIOBASED ADDITIVES FOR BIORESORBABLE BONE FILLING MATERIAL

BREILLY Damien - URD ABI - FR

RJ-SCF

328 | POST-FUNCTIONALISATION OF AZA-BODIPY IN ORDER TO ENHANCE THEIR PHOTOPHYSICAL PROPERTIES

BAFFROY Océane - ICMUB - FR

418 | DEVELOPMENT OF NEW INFRARED PHOTOCATALYSTS ASSISTED BY HIGH THROUGHPUT EXPERIMENTATION

CHACKTAS Géraud - CEA - FR

SOLID STATE CHEMISTRY

258 | MECHANOCROMIC LUMINESCENCE PROPERTIES OF COPPER IODIDE COMPLEXES

PERRUCHAS Sandrine - IMN - FR

471 | NEW LANTHANIDE-FREE POLYOXOMETALATES (POM) SALTS AS REUSABLE PHOTOLUMINESCENT SOLID SENSORS FOR WATER DETECTION

CARTIGNY Yohann - UNIV. DE ROUEN - FR

512 | NEW DITHIENYLETHENES – POLYOXOMETALATES SUPRAMOLECULAR ASSEMBLIES WITH FAST SOLID-STATE PHOTOCROMIC PROPERTIES: COMBINED EXPERIMENTAL AND COMPUTATIONAL STUDIES

DESSAPT Rémi - NANTES UNIV., CNRS - FR

SUSTAINABLE CHEMISTRY

071 | COPPER AND COBALT IONS EFFECT ON THE MICROORGANISMS' CELL MEMBRANES

WOROBICZUK Mateusz - UWB - PL

072 | HOW HEAVY ARE HEAVY METALS FOR THE ENVIRONMENT?

WOROBICZUK Mateusz - UWB - PL

516 | LEWIS ACID-MEDIATED RADICAL STABILIZATION IN ADDUCTS OF N-HETEROCYCLIC CARBENES (NHC) WITH N₂O

ORELLANA BEN AMOR Andrea - LCC - SMAC TEAM - CNRS - FR

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Société Chimique de France
Le réseau des chimistes



EXHIBITION

Opening hours of the exhibition

Monday: 08:00 > 20:30

Tuesday: 08:00 > 20:00

Wednesday: 08:00 > 15:00

Table 01 | Son SAS

Table 02 | ChemBioFrance

Booth 01 | Jeol

Booth 02 | Heidolph

Booth 03 | Origalys

Booth 04 | Magritek

Booth 05 | Royal Society of Chemistry

Booth 06 | Buchi

Booth 07 | Bruker

Booth 08 | Advion Interchim Scientific

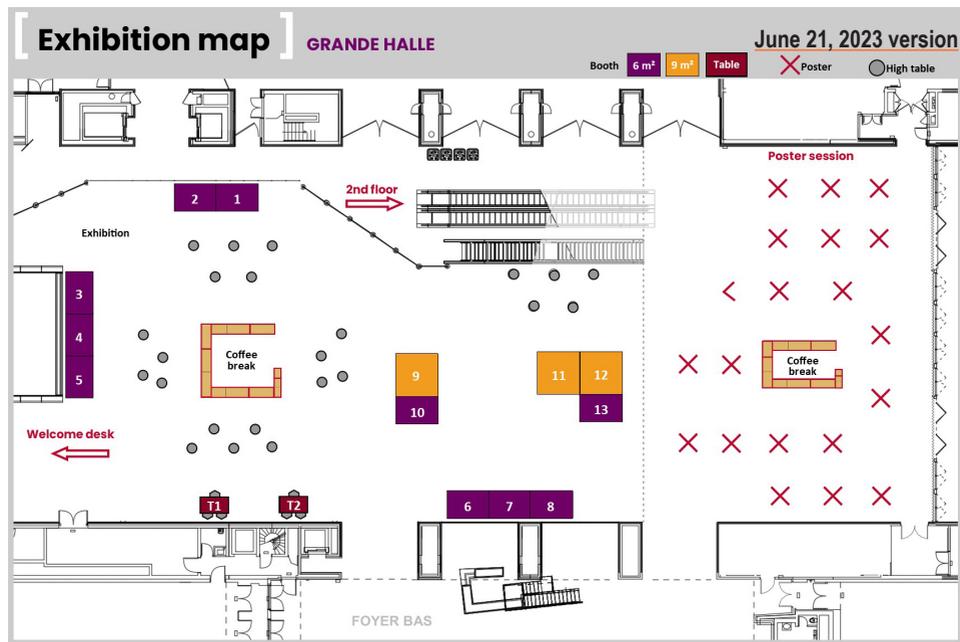
Booth 09 | Oxford Instruments

Booth 10 | Abcr FR

Booth 11 | Reaxys®

Booth 12 | Keyence

Booth 13 | GA&P-iMERMAID



GENERAL INFORMATION

The event will be held at La Cité des Congrès de Nantes, 5 Rue de Valmy, 44000 Nantes

Message and information

Messages and programme updates will be posted at the welcome desk.

E-mail of the conference: contact@scf2023.fr

Information on train, taxi... will be available at the registration desk.

Coffee breaks

Coffee and tea will be served at the time scheduled in the programme in the Grande Halle.

Lunches

Lunches boxes will be distributed in the Grande Halle in exchange for a ticket (at the times scheduled in the programme).

Oral sessions

Duration of oral presentations depends on the session and type of talk (keynote, etc.), please refer to the detailed programme to find the time slot allocated to your oral presentation. Time slots include presentation and questions.

You must arrive 15 minutes before your session to checkin with the chairman of session.

Poster session

Posters will be organised by topic sessions (according to the SCF divisions). Assistance will be given to guide you to the correct poster board location. A number will be allocated to each poster and corresponding board. A list will be provided close to the posters boards but you can also find your number on the programme. Affixing material will be supplied. During the poster session presenters are kindly requested to be available by their poster to answer any potential questions.

An "Aperitif" will be served on Monday 26 June and Tuesday 27 June during poster session in the Grande Halle.

Preview Room (Room E)

You will be able to test your presentation file.

The preview computer have the same configuration (Windows 10) as in the room.

Delegates giving a presentation in the morning must have uploaded their file in the Preview room by 05:00 pm the previous day.

Delegates giving a presentation in the afternoon must have uploaded their file in the Preview room by 10:00 am the same day.

Filing of the presentations in the room:

- During the morning break, if your session is scheduled for the afternoon of the same day
- At breaks (lunch or afternoon break) of the day before when your session is scheduled the next morning

WIFI

Network: Congrès SCF

Login: SCFnantes2023

Public transport

Pass Tan will be provided on request at the welcome desk (limited number of tickets). This allow you to use public transport services except airport shuttle during the congress dates.



VENUE

Nantes is a city of art and history that inspired the imaginary world of Jules Verne. It is a stunning destination for tourism, home to medieval sites, historical landmarks from the great maritime adventures, and industrial buildings.

The city is the sixth-largest in France, and forms one of the main north-western French metropolitan agglomerations.

Access to La Cité des Congrès de Nantes

- **Airport/city centre shuttle**
"Lieu Unique" stop, departure every 20 minutes.
- **Busway**
Line 4 – "Cité Internationale des Congrès" stop
- **Tramway**
Line 1 "Duchesse Anne – Château des Ducs de Bretagne" station, just one stop from the TGV train station (north exit)

