

PROGRAMME JED 2016

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|-------------|--|---|--|
| 8h00-9h00 | Accueil des participants, installation des posters | | |
| 9h00-9h30 | Présentation d'Introduction à la JED par Christophe Colbeau-Justin, Amphi Jules Horowitz | | |
| 9h30-10h15 | Conférence plénière , Gilberte Chambaud, Présidente de la SCF, Amphi Jules Horowitz <i>From Alchemy to computational chemistry: concept of chemical bond.</i> | | |
| 10h15-11h00 | Pause café / posters, Salles A8+A10-Bat 399 | | |
| | Communications orales | | |
| | Pôle CPBA, Amphi Jules Horowitz Modérateur : Eric Eliot | Pôle COB, Salle B6 – Bat 399 Modérateur : Corinne Gosmini | Pôle CIM, Salle 112 – Bat 395 Modérateur : Pierre Mialane |
| 11h00-11h15 | Pierre Barbier Saint-Hilaire | Djamil Azazna | Lucile Fétiveau |
| 11h15-11h30 | Marta Bolsa Ferruz | Remy Campagne | Rana Choumane |
| 11h30-11h45 | Luisa Carvalho | Maxime Giardinetti | Amandine Boulmier |
| 11h45-12h00 | Mbaye Faye | Valentin Magné | Alicia Aloisi |
| 12h00-12h15 | Seif Bennia | Hajar Mamad-Hemouch | Manuel Antuch-Cubillas |
| 12h15-14h00 | Pause déjeuner / posters, Salles A8+A10-Bat 399 | | |
| 14h00-14h30 | Conférences invitées | | |
| | Pôle CPBA, Amphi Jules Horowitz Hubert Girault | Pôle COB, Salle B6 – Bat 399 Rdc Laurence Grimaud | Pôle CIM, 112 – Bat 395 Guillaume Rogez |
| | <i>From grid to mobility: Megabatteries & on-site hydrogen production</i> | <i>Mechanistic Studies for more rationale developments of new methodologies</i> | <i>Fonctionnalisation d'hydroxydes et d'oxydes lamellaires : insertion, greffage, réaction in situ... et micro-ondes</i> |
| | Modératrice : Marie-Pierre Gageot | Modérateur : Vincent Gandon | Modérateur : Sébastien Floquet |
| | Communications orales | | |
| 14h30-14h45 | Dita Floresyona | Joëlle Char | Mathieu Xémard |
| 14h45-15h00 | Ludmilla Guduff | Ahmad Kassir | Benjamin Cahier |
| 15h00-15h15 | Elisabetta Pancani | Anne-Sophie Marques | Benjamin Hary |
| 15h15-15h30 | Emmanuel Jaccoulet | Anaëlle Doerflinger | Mhamad Aly Moussawi |
| 15h30-15h45 | Madanakrishna Katari | Clément Lepori | Fabien Nassoy |
| 15h45-16h30 | Pause café / posters, Salles A8+A10-Bat 399 | | |
| | Communications orales | | |
| | Pôle CPBA, Amphi Jules Horowitz Modératrice : Hynd Remita | Pôle COB, Salle B6 – Bat 399 Rdc Modérateur : Arnaud Voituriez | Pôle CIM, 112 – Bat 395 Modérateur : Sophie Peulon |
| 16h30-16h45 | Xue Li | Longhui Gao | Tawfiq Nasr Allah |
| 16h45-17h00 | Allan Lopes | Pierre Quinodoz | Kevin Dedecker |
| 17h00-17h15 | Jérôme Mahé | Marie Vayer | Dalila Bounoua |
| 17h15-17h30 | Ariel-Francis Perez-Mellor | Yang Wan | Clémence Ducloiset |
| 17h30-17h45 | Anja Roeder | Nacim Zidelmal | Irène Mustieles-Marin |
| 18h00-18h30 | Clôture, remise des prix, Amphi Jules Horowitz | | |

Communications orales CPBA

Pierre Barbier Saint-Hilaire : **Metabolomics of CerebroSpinal Fluid and Plasma for the Characterisation of Hepatic Encephalopathy.** *SPI, CEA, Université Paris-Sud.*

Marta Bolsa Ferruz : **New insights into metallic nanoparticles for enhancement of particle therapy in hypoxic tumors.** *ISMO, CNRS, Université Paris-Sud.*

Luisa Carvalho : **Growth of micrometric oxide layers for the study of metallic surfaces decontamination by laser.** *SEARS, CEA, Université Paris-Sud.*

Mbaye Faye : **On the use of difference bands for modeling SF₆ absorption in the 10µm atmospheric window.** *SOLEIL, Université Paris-Sud.*

Seif Benna : **Characterization Of Fulleropyrrolidine by HR-MS and NMR Spectroscopy.** *ICMMO, CNRS, Université Paris-Sud – LMMA, IPEST, Tunisie.*

Dita Floresyona : **Metal and Polymer Nanostructures Synthesized in Swollen Hexagonal Mesophases: Application in Fuel Cells.** *LCP, CNRS, Université Paris-Sud.*

Ludmilla Guduff : **Fast multidimensional diffusion-based NMR analysis of mixtures.** *ICSN, CNRS, Université Paris-Sud.*

Elisabetta Pancani : **Development, characterization and pulmonary administration of biodegradable nanoparticles encapsulating a synergic drugs combination to treat tuberculosis.** *ISMO, CNRS, Université Paris-Sud.*

Emmanuel Jaccoulet : **Identification of Therapeutic Monoclonal Antibodies by Capillary Electrophoresis or Flow Injection Spectroscopy coupled to Multivariate Analysis.** *Institut Galien, CNRS, Université Paris-Sud.*

Madanakrishna Katari : **Electronic structure of reduced organometallic complexes in gas phase.** *LCM, CNRS, Ecole Polytechnique.*

Xue Li : **Design of Metal-Organic Frameworks nano- and micro- particles as efficient drug carriers.** *ISMO, CNRS, Université Paris-Sud.*

Allan Lopes : **Gas-Phase Ion-Molecule Chemistry : An experimental study of the reaction of CH₃⁺ with CH₄ and other hydrocarbons.** *LCP, CNRS, Université Paris-Sud.*

Jérôme Mahé : **Far-IR spectroscopy of neutral gas phase peptides: signatures from combined experiments and simulations.** *LAMBE, Université d'Evry Val d'Essonne.*

Ariel-Francis Perez-Mellor : **Bi-Chromophoric chiral peptides studied by conformation-sensitive vibrational spectroscopy.** *ISMO, CNRS, Université Paris-Sud.*

Anja Roeder : **Femtosecond dynamics of the 2-methylallyl radical in the gas phase.** *LIDyL, CEA, Université Paris-Sud.*

Communications orales COB

Djamil Azazna : **Study of a new family of Bambus[n]urils.** SCBM, CEA, Université Paris-Sud.

Remy Campagne : **New Strategies for Alkaloid Synthesis: Nitroso Diels-Alder and C-H Insertion Reactions.** ICMMO, CNRS, Université Paris-Sud.

Maxime Giardinetti : **Synthesis and fluorescence studies of tricyclic indole derivatives.** ILV, Université de Versailles Saint-Quentin.

Valentin Magné : **Synthesis of spiro[piperidine-3,3'-oxindoles] via gold(i)-catalysed dearomatization of n-propargyl-2-bromotryptamines.** ICSN, CNRS, Université Paris-Sud.

Hajar Mamad-Hemouch : **Synthesis of cyclodextrin nanotubes based on a polyrotaxane.** LAMBE, Université d'Evry Val d'Essonne.

Joëlle Char : **Synthesis of Aromatic Sulfones from SO₂ and Organosilanes, Under Metal-free Conditions.** NIMBE, CEA, Université Paris-Sud.

Ahmad Kassir : **Synthesis of all four stereoisomers of oxetin by a photochemical approach.** ICMMO, CNRS, Université Paris-Sud.

Anne-Sophie Marques : **Iron-mediated dearomative (3+2) cycloaddition between oxyallyl cations and N-acetyl indoles.** ILV, Université de Versailles Saint-Quentin.

Anaëlle Doerflinger : **Design and synthesis of polymerized micelles for the diagnosis and therapy of tumors.** SCBM, CEA, Université Paris-Sud.

Clément Lepori : **Low-valence iron and cobalt complexes: difference of reactivity in hydroamination of alkenes.** ICMMO, CNRS, Université Paris-Sud.

Longhui Gao : **Deuterium labelling of thioether substructures in bioactive molecules.** SCBM, CEA, Université Paris-Sud.

Pierre Quinodoz : **From 2-cyanoazetidines to multi-click reactions: an eventful journey.** ILV, Université de Versailles Saint-Quentin.

Marie Vayer : **Acid-catalysed intramolecular addition of β -ketoesters to 1,3-dienes.** ICMMO, CNRS, Université Paris-Sud.

Yang Wan : **Synthesis of Original γ -Amino Acids and Their Use to Build New Peptide Structures.** ICMMO, CNRS, Université Paris-Sud.

Nacim Zidelmal : **Synthesis of chiral salen-based monomers for silica supported controlled polymerization-new materials for asymmetric heterogeneous catalysis.** ICMMO, CNRS, Université Paris-Sud.

Communications orales CIM

Lucile Fétiveau : **Contrast agents based on Prussian blue analogues.** *ICMMO, CNRS, Université Paris-Sud.*

Rana Choumane : **Studies of the reactivity of manganese compounds versus heavy metals : Applications for the development of innovative decontamination devices.** *LAMBE, Université d'Evry Val d'Essonne.*

Amandine Boulmier : **Polyoxometalate Bisphosphonate Complexes: Synthesis, Structure and Activity on Tumor Cell Lines.** *ILV, Université de Versailles Saint-Quentin.*

Alicia Aloisi : **Complexes of tripodal phosphine ligands: synthesis, structure and catalytic activity in the hydroboration of CO₂.** *NIMBE, CEA, Université Paris-Sud.*

Manuel Antuch-Cubillas : **Catalytic tuning of Rh doped SrTiO₃ photoelectrodes with Co clathrochelates for water splitting.** *ICMMO, CNRS, Université Paris-Sud.*

Mathieu Xémard : **Highly reactive divalent lanthanide precursors and polymetallic species.** *LCM, Ecole Polytechnique.*

Benjamin Cahier : **Symmetry in spin-orbit coupling and magnetic anisotropy in mononuclear transition metal complexes.** *ICMMO, CNRS, Université Paris-Sud.*

Benjamin Hary : **Influence of the nano-precipitates content and cold-working on the recrystallization in ferritic ODS steels.** *CEA - ICMMO, CNRS, Université Paris-Sud.*

Mhamad Aly Moussawi : **Supramolecular organic/inorganic assemblies.** *ILV, Université de Versailles Saint-Quentin.*

Fabien Nassoy : **Vertically aligned carbon nanotubes growth on aluminium substrates at low temperature.** *NIMBE, CEA, Université Paris-Sud.*

Tawfiq Nasr Allah : **Unprecedented iron catalysts for the carbonylation of amines.** *NIMBE, CEA, Université Paris-Sud.*

Kevin Dedecker : **Design of multifunctional hybrid materials for capture of Volatile Organic Compounds (VOCs): Application to cultural heritage preservation.** *ILV, Université de Versailles Saint-Quentin.*

Dalila Bounoua : **Single crystal growth and physical properties of the pristine and doped one-dimensional spin chains cuprate SrCuO₂ and Sr₂CuO₃.** *ICMMO, CNRS, Université Paris-Sud.*

Clémence Ducloiset : **Studies of di-rhodium complexes for reactions by Nitrogen Atom Transfer.** *ICMMO, CNRS, Université Paris-Sud.*

Irène Mustieles-Marin : **One-electron oxidation of copper and nickel phosphasalen complexes.** *LCM, Ecole Polytechnique.*

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