

WEDNESDAY 2 NOVEMBER

08:00	Registration
09:00 - 09:30	Opening Ceremony Emmanuelle SCHULZ, president of the DCO - Thierry GACOIN, president of the Chemistry Department of the École polytechnique Jacques MADDALUNO, director of the Institut de Chimie du CNRS
09:30 - 10:15	Chair: Emmanuelle SCHULZ PL1 Margaret BRIMBLE - University of Auckland, NEW-ZEALAND <i>Natural Product Synthesis: A Crucible for New Method Development and Drug Discovery</i>
10:15 - 10:45	IL1 Louis-Charles CAMPEAU - Merck, USA <i>Changing the World, One Reaction at a Time</i>
10:45 - 11:00	Chair: Olivier BASLÉ Flash communication exhibitors 1
11:00 - 11:30	Coffee Break - Sponsored by ACTIVATION
11:30 - 12:15	Chair: Kevin CARIOU PL2 Mélanie ETHEVE-QUELQUEJEU - Université Paris Cité, FRANCE <i>RNA conjugates: from the synthesis to applications</i>
12:15 - 12:35	IL2 Yohan GISBERT (Dina Surdin PhD award) - University of Groningen, THE NETHERLANDS and CEMES, FRANCE <i>Organometallic molecular motor derivatives for Single Molecule Force Spectroscopy experiments</i>
12:35 - 12:50	Chair: Anis TLILI Flash communication exhibitors 2
12:50 - 14:05	Lunch
14:05 - 16:20	Oral Communications session #1

	ORAL COMMUNICATIONS SESSION #1A Sponsored by CHARM ₃ AT	ORAL COMMUNICATIONS SESSION #1B	ORAL COMMUNICATIONS SESSION #1C
	AMPHITHÉÂTRE POINCARÉ Chair: Xavier GUINCHARD - Angélique FERRY	AMPHITHÉÂTRE GAY-LUSSAC Chair: Matthieu RAYNAL - Jean-Pierre DUTASTA	AMPHITHÉÂTRE PIERRE FAURRE Chair: Sandrine PIGUEL - Emmanuel GRAS
14:05	OC01 Dorian DIDIER Electrocoupling- A Catalyst-free Alternative for C-C Bond Formation	OC11 Nicolas GILLAIZEAU-SIMONIAN Charge-Accelerated [3,3] Rearrangement of Vinyl Sulfoniums: Stereodivergent Access to γ -Lactones and γ -Lactams.	OC21 Antoine SIMONNEAU Revisiting N ₂ Functionalization with Nucleophiles
14:18	OC02 Stéphane GOLLING 2-Amido-acroleins as a versatile platform for the synthesis of poly-functionalized silicon containing heterocycles	OC12 Cassandre BORIES Highly selective dearomatization of N-heteroarenes using well-defined low-valent cobalt hydrides	OC22 Floriane DOCHE Directed Palladium Catalyzed C-H (Ethoxycarbonyl) difluoromethylthiolation Reaction

14:31	OC03 Ophélie MONTIEGE First total synthesis of chaxalactin B	OC13 Arona FALL Diastereoselective addition of redox active esters to azomethine imines by electrosynthesis	OC23 Catherine TAILLIER Taming the reactivity of Phosphiranium ions: Recent progress in the development of selective C-centered ring-openings
14:44	OC04 Nawel GOUAL Bimetallic complexes of photoswitchable phosphines derived from nine-membered cyclic azobenzenes: synthesis, photochromic properties and uses in gold catalysis	OC14 Erwan BRUNARD Catalytic amination of unactivated C–H bonds in the presence of electronically activated sites	OC24 Wei CAO Total Synthesis of Ophiorrhine A, G and Ophiorrhinide E Featuring a Bioinspired Intramolecular Diels–Alder Cycloaddition
14:57	OC05 Guillaume DAGOUSSET Photoredox Generation of Oxygen-Centered Radicals: α -Alkoxylation and α -Trifluoromethoxylation of Carbonyl Compounds	OC15 Mehdi ABDELLAOUI Reactant-Induced Photoactivation of In Situ Generated Organogold Intermediates Leading to Alkynylated Indoles	OC25 Expédite YEN-PON Transition-metal-free multi-component difunctionalization of [1.1.1]propellane
15:10	OC06 Xueyang LIU Indirect Enantiocontrol of Tertiary Alcohols and Quaternary Centers by Acylative Organocatalytic Kinetic Resolution	OC16 Nicolas DUGUET Thermomorphic polyethylene-supported organocatalysts for the valorization of biomass and CO ₂	OC26 Gaétan ARCHER Photoredox generation of isothiouronyl radical cations: A new platform in covalent radical catalysis
15:23	OC07 Max COEHLO Excited State Intramolecular Proton Transfer based Fluorophores with Circularly Polarized Luminescence Emission	OC17 Thomas-Xavier METRO Unprecedented insight into the structure of fatty-acid based (nano)materials enabled by mechanochemical 17O-labeling schemes	OC27 Eléonore TACKE Late-stage functionalization of a fluorescent scaffold to afford a new generation of large Stokes shift red-emitting dyes with promising properties for biological imaging
15:36	OC08 Saif Eddine CHERIF Merging Grubbs' Second-Generation Catalyst with Photocatalysis Enables Z-Selective Metathesis of Olefins: Scope, Limitations, and Mechanism	OC18 Carlotta FIGLIOLA Investigation of new organic photosensitizing platforms for selective photodynamic therapy	OC28 Clément CHAUVIER Transition-Metal-Free Silylation of Unactivated C(sp ²)–H Bonds with tert-Butyl-Substituted Silyldiazenes
15:49	OC09 Guillaume LEFEVRE Taming redox non-innocence of weak-field iron complexes: an opportunity in catalysis	OC19 Rebecca CHURAMANI Control of supramolecular architecture by structural variation of self-assembling cyclodextrins	OC29 Fabien LUCAS Simplified Green-emitting Single-Layer Phosphorescent Organic light-emitting diodes with an external quantum efficiency > 22%
16:02	OC34 Sophie RODRIGUES A Gallium-Catalyzed C–H Propargylation of Arenes	OC20 Raphael LABRUERE In-cell synthesis of cytotoxic phenanthridine through bioorthogonal cyclization: the “Cycl'in-Cell” strategy	OC30 Kevin TATOUEIX Hydrogen Isotope Exchange via in-situ generated catalytic rhodium nanoparticles

16:20 - 16:25

EurJOC intervention

16:25 - 17:10

Chair: Jeanne CRASSOUS

PL3 | Eric MEGGERS – EurJOC WILEY Lecture - University of Marburg, GERMANY

Steering Asymmetric Catalysis with Metal-Centered Chirality

17:10 - 17:15

Group Picture

17:15

Poster session #1 & Juice/Beer Break

THURSDAY 3 NOVEMBER

- 09:00 - 09:45** Chair: Frédéric LAMATY
 PL4 | Shū KOBAYASHI - University of Tokyo, JAPAN
Environment, Human Health, and Energy: Catalysts Play Key Roles Toward Sustainable Society
- 09:45 - 10:30** PL5 | Véronique MICHELET (DCO Prize) - Institut de Chimie de Nice, FRANCE
A Journey in Gold Catalysis Towards Diversity: from Heterocycles to Fragrances
- 10:30 - 10:45** Chair: Olivier BASLÉ - Anis TLILI
 Flash communication exhibitors 3
- 10:45 - 11:15** Coffee Break- Sponsored by OXELTIS
- 11:15 - 11:45** Chair: Morgan DONNARD
 IL3 | Juliette MARTIN - Proteus, FRANCE
Biocatalysis: a Necessary Tool for Synthetic Chemist – a Focus on Industrial Applications
- 11:45 - 12:15** IL4 | Thomas POISSON (J.M. Lehn Prize) - COBRA INSA-Rouen, FRANCE
Photocatalytic and Electromediated Borylation and Silylation Reactions
- 12:15 - 13:00** PL6 | Laurence MULARD - Institut Pasteur, FRANCE
Synthetic glycan-based vaccines to combat bacterial diseases: from concept to immunogenicity in human
- 13:00 - 14:15** Lunch
- 14:15 - 16:30** Oral Communications session #2

	ORAL COMMUNICATIONS SESSION #2A Sponsored by SYNGENTA	ORAL COMMUNICATIONS SESSION #2B	ORAL COMMUNICATIONS SESSION #2C
	AMPHITHÉÂTRE POINCARÉ Chair: Boris VAUZEILLES - Florence MAHUTEAU-BETZER	AMPHITHÉÂTRE GAY-LUSSAC Chair: Cyril OLLIVIER - Florian LUTTRINGER	AMPHITHÉÂTRE PIERRE FAURRE Chair: Stéphanie NORSIKIAN - Damien BONNE
14:15	OC31 Marie SCHULER Design of protein-based platforms for sugars multivalency	OC41 Margaux BOSSUAT Bioinspired lipidic alkynylcarbinols as anticancer agents	OC51 Pierre-Antoine BOUIT Straightforward Access to Multifunctional pi-Conjugated P-Heterocycles Featuring an Internal Ylidic Bond
14:28	OC32 Eric LECLERC Fluorine-Activated Additive-Free Vitrimers	OC42 Guanghao HUANG Asymmetric Inverse-Electron-Demand Diels-Alder Cycloaddition between 2-Pyrones and Acyclic Enol Ethers: Gram-Scale Total Synthesis of (+)-Lucidumone	OC52 Julie BROGGI Photocatalysis with super organic electron donors

14:41	OC33 Johnny HU A Bis-Acridium Macrocycle as Multi-Responsive Receptor and component of a Switchable [2] rotaxane	OC43 Anne-Doriane MANICK Synthesis, characterizations and applications of haloazaphosphatranes	OC53 Laurent FERRIÉ Synthesis, Reactivity, and Functionalization of Endoperoxides: Application in Total Synthesis
14:54	OC10 Emmanuelle THINON Identification of protein targets of an inhibitor of viral infection using an affinity-based probe	OC44 Mathias REBOLI Intramolecular hydrosilylation of alkynes by electro-reductive nickel catalysis	OC54 Flavie RAMBAUD Development of a new cycloaddition/fragmentation reaction sequence
15:07	OC35 Ludivine DELFAU Reassessment of the reducing power of Breslow-type derivatives in NHC-catalyzed reactions.	OC45 Isabelle MARCHAND Synthesis of aziridines and reactivity of ketenes in flow	OC55 Kajetan BIJOUARD Organocatalysts confined within the cavity of cyclodextrins
15:20	OC36 Thomas ABEGG Cascade [3,3]-sigmatropic rearrangements involving (cyclopropyl)vinyl azides: Synthesis of highly substituted seven-membered rings	OC46 Thomas DEIS Martin's Spirosilane-based Pentacoordinated Organosilicons: Synthesis, Optical Resolution & Configurational Stability	OC56 Georgina KIRBY Iron-Catalysed Intermolecular Oxyamination of Alkenes Using Hydroxylamine Derivatives as Clean Nitrogen Sources
15:33	OC37 Nazarii SABAT Chemoenzymatic synthesis of DNA and XNA oligonucleotides	OC47 Marc DEVILLARD Synthesis of photochromic siloles by Pd-catalyzed reaction between a silacyclopropene and terminal alkynes: scope and mechanistic insights	OC57 Valentin DOROKHOV Modular approach to substituted pyridoazepinones
15:46	OC38 Arthur GAUCHERAND Simultaneous Control of Central and Helical Stereogenic Elements on Small Molecules	OC48 Grédy KIALA Continuous Flow Chemistry Process for the catalytic Functionalization of Biomass Derivatives	OC58 Nicolas PETRY Mechanosynthesis of Iminosynone-based APIs
15:59	OC39 Stéphane MAISONNEUVE Photoswitchable GlycoMacrocycles, from synthesis to their chiroptical properties and potential applications	OC49 Rémi PELLETIER Fluorogenic dimers as bright switchable probes for enhanced super-resolution imaging of cell membranes	OC59 Antonio DEL VECCHIO Development of Highly Efficient Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Olefin Metathesis
16:12	OC40 Daniela VERGA Tracking G4 ligand distribution in cells by a guided immunofluorescence methodology	OC50 Anaïs SCUILLER Cycloadditions of π -Allylpalladium(II) intermediates towards Medium-Sized N-Heterocycles	OC60 Mayssa ZAYENE Site Selective Palladium(II)-Catalyzed C(sp ³)-H Methylene Diarylation of a Tropane scaffold

16:30 - 17:15

Chair: Samir MESSAOUDI

PL8 | Sukbok CHANG - Korea Advanced Institute of Science and Technology, KOREA
Development of C-H Amidation Reactions via Nitrenoid Transfer Pathway

17:15

Poster session #2 & Juice/Beer Break

FRIDAY 4 NOVEMBER

- 09:15 - 10:00** Chair: Anis TLILI
PL9 | Timothy NOEL – *SANOFI Lecture* - University of Amsterdam, THE NETHERLANDS
Innovation in HAT photocatalysis through use of flow
- 10:00 - 10:45** **PL10** | Clémence ALLAIN - ENS Paris-Saclay, FRANCE
Luminescent mechano-responsive molecules and materials: from molecular engineering towards the elaboration of smart materials
- 10:45 - 11:15** Coffee Break
- 11:15 - 12:00** Chair: Angela MARINETTI
PL11 | Jean-Guy BOITEAU (Yves Chauvin Prize) - Nuvisan, FRANCE
Process Research and Development of API's: case studies
- 12:00 - 12:45** **PL12** | Monica PEREZ-TEMPRANO – *CHARM₃AT Lecture* - Institut Català d'Investigació Química, SPAIN
Deciphering mechanisms to design better catalytic reactions
- 12:45 - 14:00** Lunch
- 14:00 - 14:45** Chair: Matthieu SOLLOGOUB
PL7 | Nicolas GIUSEPPONE - Université de Strasbourg, FRANCE
Artificial molecular machines that work at all scales
- 14:45 - 15:30** **PL13** | Sarah REISMAN – *MINAKEM Lecture* - California Institute of Technology, USA
Necessity is the Mother of Invention: Natural Products and the Chemistry They Inspire
- 15:30 - 16:00** Poster & oral communication awards
- 16:00** Closing ceremony