

Award Lectures

Plenary Lectures

Invited Lectures

Oral Communications

Sunday July 9, 2023

Registration

Opening Ceremony

Prof. Erik VAN DER EYCKEN (KU LEUVEN, Leuven, Belgium)
Prof. Johan VAN DER EYCKEN (UGENT, Ghent, Belgium)

Session Chair

Prof. Johan VAN DER EYCKEN
(UGENT, Ghent, Belgium)

PL01 - Artificial Metalloenzymes for in vivo Catalysis: Challenges and Opportunities

Prof. Thomas WARD
(UNIVERSITY OF BASEL, Basel, Switzerland)

PL02 - Universal Organocatalysts for our World *sponsored by EurJOC for its 25th anniversary*

Prof. Benjamin LIST
(MAX-PLANCK-INSTITUT FÜR KOHLENFORSCHUNG, Mülheim an der Ruhr, Germany)

Welcome Reception *sponsored by Wiley*

End of the Day

Monday July 10, 2023

Registration

Session Chair

Prof. Michael SCHNÜRCH
(TU WIEN, Wien, Austria)

PL03 - Homogeneous Gold Catalysis for Organic Synthesis

Prof. Stephen HASHMI
(UNIVERSITY OF HEIDELBERG, Heidelberg, Germany)

IL01 - Translational Chemical Biology

Prof. Gonçalo BERNARDES
(UNIVERSITY OF CAMBRIDGE & IMM LISBOA, Cambridge, United Kingdom)

Coffee Break & Exhibition

Session Chair

Prof. Michael SCHNÜRCH
(TU WIEN, Wien, Austria)

OC01 - Catalytic & Enantioselective SN1-Type Substitution Reaction with Allyl Cations

Mr Josep ESTEVE GUASCH
(ICIQ, Tarragona, Spain)

OC02 - New and Efficient Asymmetric Synthesis of Oleocanthal and Oleacein

Ms Beatriz MARTINS
(INSTITUTO DE TECNOLOGIA QUÍMICA E BIOLÓGICA ANTÓNIO XAVIER, Oeiras, Portugal)

OC03 - Unprotected Beta-Arylethylamines via Iron(II)-Catalyzed 1,2-Aminoarylation of Alkenes in Hexafluoroisopropanol

Mr Valentyn POZHDAIEV
(INSTITUT DE SCIENCE ET D'INGÉNIERIE SUPRAMOLÉCULAIRES, Strasbourg, France)

OC04 - Synthesis and Applications of Planar Chiral [2.2]Paracyclophanes

Dr Erica BENEDETTI
(UNIVERSITÉ PARIS CITÉ, Paris, France)

OC05 - Synthesis of Novel Heterocycles Through Unconventional Organocatalytic Frameworks

Ing Fabian SCHARINGER
(VIENNA UNIVERSITY OF TECHNOLOGY, Wien, Austria)

IL02 - Severely Twisted Hexagon-Based Polycyclic Aromatic Hydrocarbons

Prof. Yoann COQUEREL
(AIX-MARSEILLE UNIVERSITY, Marseille, France)

Lunch & Exhibition

Magritek workshop (room : Raadzaal)

Session Chair

Programme

Dr Upendra Kumar SHARMA
(KU LEUVEN, Leuven, Belgium)

IL03 - Ligand Design for Regioselective C-H Activation

Prof. Laurean ILIES
(RIKEN, Saitama, Japan)

PL04 - NMR Chemical Shifts Beyond Numbers: From Understanding Electronic Structures to Reactivity Descriptor

Prof. Christophe COPÉRET
(ETH ZURICH, Zürich, Switzerland)

Coffee Break & Exhibition

Session Chair

Prof. Georgios VASSILIKOGIANNAKIS
(UNIVERSITY OF CRETE, Heraklion, Greece)

OC06 - Total Synthesis of Ophiorrhine A, G and Ophiorrhiside E Featuring A Bioinspired Intramolecular Diels-Alder Cycloaddition

Mrs Wei CAO
(UNIVERSITÉ PARIS SACLAY, ORSAY, France)

OC07 - Atropselective Synthesis of Heterobiaryls Using Unpoled Indoles

Prof. Seunghoon SHIN
(HANYANG UNIVERSITY, Seoul, Korea, South)

OC08 - Process Development of Odalasvir

Dr Duc TRAN
(JANSSEN PHARMACEUTICA NV, Beerse, Belgium)

IL04 - Stereoselective Synthesis of SPMs Using the sp³-sp³ Negishi Reaction

Prof. Trond Vidar HANSEN
(UNIVERSITY OF OSLO, Oslo, Norway)

Session Chair

Prof. Pat GUIRY
(UNIVERSITY COLLEGE DUBLIN, Dublin, Ireland)

EuChemS Award Ceremony

AL01 - New Ways to Do Fluorine Chemistry EuChemS Female Organic Chemist of the Year 2022 Award

Prof. Véronique GOUVERNEUR
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Poster Session 1 (Odd numbers)

End of the Day

Tuesday July 11, 2023

Session Chair

Dr Paul CALLANT
(AGFA-GEVAERT N.V. (RETIRED), Edegem, Belgium)

PL05 - Building New Fusion Proteins with Enzymatic Oxidative Coupling Reactions

Prof. Matthew B. FRANCIS
(UC BERKELEY, Berkeley, United States)

IL05 - Multicomponent Tagging and Conjugation of Peptides and Proteins

Prof. Daniel GARCÍA RIVERA
(UNIVERSITY OF HAVANA, La Habana, Cuba)

Coffee Break & Exhibition

Session Chair

Prof. Berit OLOFSSON
(STOCKHOLM UNIVERSITY, Stockholm, Sweden)

OC09 - Rapid Assembly of Molecular Complexity From Simple Enamides

Prof. Georg MANOLIKAKES
(RPTU KAISERSLAUTERN-LANDAU, Kaiserslautern, Germany)

OC10 - Site-Selective Functionalizations of Amphiphilic Diols, Promoted by New Nucleophilic Organocatalysts with an Expanded Secondary Sphere Decorating an Active Core

Prof. Moshe PORTNOY
(TEL AVIV UNIVERSITY, Tel Aviv, Israel)

OC11 - Structuring of Organic Materials for Application in Organocatalysis

Mrs Aimar GONZALO BARQUERO
(NORMANDIE UNIVERSITÉ, Caen, France)

OC12 - Lewis Base Catalysis Enables Efficient Nucleophilic Substitutions - Application Towards Bioactive Compounds

Prof. Peter HUY
(ROSTOCK UNIVERSITY, Rostock, Germany)

OC13 - Site Selective Gold(I)-Catalysed Benzylic C-H Amination via an Intermolecular Hydride Transfer to Triazolinediones

Mr Kevin BEVERNAEGE
(UGENT, Gent, Belgium)

IL06 - GenoChematic Diversification of Natural Products (Blending Synbio+ Synchem – The Best of Both Worlds)

Prof. Rebecca GOSS
(UNIVERSITY OF ST ANDREWS, St Andrews, United Kingdom)

Lunch & Exhibition

Session Chair

Prof. Erik VAN DER EYCKEN
(KU LEUVEN, Leuven, Belgium)

PL06 - Going with the Flow – The Use of Continuous Processing in Organic Synthesis

Programme

Prof. Oliver KAPPE
(UNIVERSITY OF GRAZ, Graz, Austria)

**IL07 - Synergistic Cooperation between Mechanistic Investigations and Catalysis: Towards Rational Design
EuChemS Division of Organic Chemistry Young Investigator Award 2021**

Prof. Monica H. PÉREZ-TEMPRANO
(INSTITUTE OF CHEMICAL RESEARCH OF CATALONIA (ICIQ), Tarragona , Spain)

Coffee Break & Exhibition

Session Chair

Prof. Hans-Günther SCHMALZ
(UNIVERSITY OF COLOGNE, Cologne, Germany)

**AL02 - Secondary-Sphere Modification in Organocatalysis
EuChemS Division of Organic Chemistry Young Investigator Award 2022**

Dr Anat MILO
(BEN GURION UNIVERSITY OF THE NEGEV, Be'er Sheva, Israel)

**OC14 - Fine-Tuning Substrate-Catalyst Interactions for Boosting Enantioselectivity in Halogen-Bonding
Catalysis**

Ms Alica KEUPER
(UNIVERSITY OF MÜNSTER, Münster, Germany)

**OC15 - Streamlining the Synthetic Manipulation of Complex Organic Molecules by Novel Solvent-Free
Approaches: Focus on the Chemistry of Carbohydrates**

Dr Serena TRABONI
(UNIVERSITY OF NAPLES FEDERICO II, Naples, Italy)

OC16 - Synthesis of Nitrogen Containing-Heterocycles by Pd-Catalyzed Domino C-H Reactions

Dr Cédric SCHNEIDER
(UNIVERSITY OF ROUEN, LABORATOIRE COBRA, Mont Saint Aignan, France)

Session Chair

Prof. Alois FÜRSTNER
(MAX PLANCK INSTITUT FÜR KOHLENFORSCHUNG, Muelheim an der Ruhr, Germany)

Dr. Margaret Faul Award for Women in Chemistry Ceremony

**AL03 - Dr. Margaret Faul Award for Women in Chemistry Lecture
Discovery and Application of Non-Heme Iron Enzymes for Biocatalysis**

Prof. Michelle C. CHANG
(UNIVERSITY OF CALIFORNIA, BERKELEY, Berkeley, United States)

Poster Session 2 (Even numbers)

End of the Day

Wednesday July 12, 2023

Session Chair

Dr Jan GOEMAN
(UGENT, Ghent, Belgium)

PL07 - Using Molecular Assembly to Program (Bio)Chemical Networks

Prof. Nicolas WINSSINGER
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

IL08 - Domino Reactions and Visible-Light-Mediated Transformations for the Synthesis and Functionalization of Indole Derivatives

Prof. Leonid G. VOSKRESSENSKY
(PEOPLES FRIENDSHIP UNIVERSITY OF RUSSIA, Moscow, Russia)

Coffee Break & Exhibition

Session Chair

Prof. Pat GUIRY
(UNIVERSITY COLLEGE DUBLIN, Dublin, Ireland)

OC17 - Iridium-Catalyzed Acid-Assisted Asymmetric Hydrogenation of Oximes to Hydroxylamines

Dr Josep MAS-ROSELLÓ
(ETH ZURICH, Zurich, Switzerland)

OC18 - Trifluoroacetates as Trifluoromethylating Reagents Enabled by Iron Photocatalysis

Dr Francisco JULIA-HERNANDEZ
(UNIVERSIDAD DE MURCIA, Murcia, Spain)

OC19 - Point-to-Helical Chirality Transfer in The Diastereoselective Synthesis of Boron Dipyrromethenes (BODIPYs)

Ms Aminah ALMARSHAD
(NEWCASTLE UNIVERSITY, Newcastle, United Kingdom)

OC20 - AlphaFold2 as a Key Tool in the Discovery of a DES1 Inhibitor Ceramide Analog: Design, Synthesis, and Biological Evaluation of PR280

Mr Pablo RIVERO
(UNIVERSITAT ROVIRA I VIRGILI, Tarragona, Spain)

PL08 - Synthetic Approaches to Macrolides and Terpenes

Prof. Scott RYCHNOVSKY
(UNIVERSITY OF CALIFORNIA, IRVINE, Irvine, United States)

Lunch & Exhibition

Excursion 1 (Meeting point: Registration desk)

Excursions 2 > 5 (Meeting point: Registration desk)

End of the Day

Conference Dinner

Thursday July 13, 2023

Session Chair

Dr Ivo STARY
(INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY ASCR, Prague, Czech Republic)

PL09 - Keteniminium Chemistry: Computational Investigation of Formation and Reactivity

Prof. Saron CATAK
(BOGAZICI UNIVERSITY, Istanbul, Turkey)

IL09 - Roaming the Tree of Life with Bio-Inspired Chemistry

Prof. Erwan POUPON
(PARIS-SACLAY UNIVERSITY, Châtenay-Malabry, France)

Coffee Break & Exhibition

Session Chair

Prof. Igor OPSENICA
(UNIVERSITY OF BELGRADE - FACULTY OF CHEMISTRY, Belgrade, Serbia)

OC21 - Infrared Irradiation-Assisted Palladium-Catalyzed Cross-Dehydrogenative Coupling of Polyfluoroarenes with Heteroarenes

Dr Gianluigi ALBANO
(UNIVERSITY OF PISA, Pisa, Italy)

OC22 - Understanding Dynamic Exchange Using Variable Field NMR

Mr Jean-Paul HEEB
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)

OC23 - Design/Synthesis of Water-Soluble and Photoactivatable Copper Complexes Based on Modified Cyclodextrins for in Cellulo Applications

Mr Hugo MADEC
(SORBONNE UNIVERSITÉ, Paris, France)

OC24 - Molecular Editing by Nitrogen Insertion

Prof. Johannes WAHL
(UNIVERSITÄT MAINZ, Mainz, Germany)

OC25 - Rigid Aliphatic Hydrocarbons as Key Structural Motifs in Material Precursors

Dr Karolina URBANSKA
(TRINITY COLLEGE DUBLIN, Dublin, Ireland)

IL10 - Application of ex-situ Generated Gases in Organic Synthesis

Prof. Wim DE BORGGRAEVE
(KU LEUVEN, Leuven, Belgium)

Lunch & Exhibition

Session Chair

Prof. Ilan MAREK
(TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel)

IL11 - Enzymes: Making Them Part of the Chemist's Standard Toolbox

Prof. Francesca PARADISI
(UNIVERSITY OF BERN, Bern, Switzerland)

Patai-Rappoport Lecture Award Ceremony

*"The Patai-Rappoport Lecture celebrates the vision of Saul Patai and Zvi Rappoport in creating and advancing the book series *The Chemistry of Functional Groups*, providing chemists with a highly valuable tool for advancing their research. The Lecture is supported by John Wiley & Sons."*

PL10 - Developing Data Science Tools for Organic Reaction Development (2023 Patai-Rappoport Lecture Award)

Prof. Matthew S. SIGMAN
(THE UNIVERSITY OF UTAH, Salt Lake City, United States)

Coffee Break & Exhibition

Session Chair

Prof. Wim DE BORGGRAEVE
(KU LEUVEN, Leuven, Belgium)

IL12 - Metal or Metal-Free? New Approaches for the Synthesis of Original Scaffolds

Prof. Joanna WENCEL-DELDOR
(UNIVERSITY OF STRASBOURG, Strasbourg, France)

PL11 - Development of Novel C–H Functionalization Methodologies

Prof. Vladimir GEVORGYAN
(UNIVERSITY OF TEXAS AT DALLAS, Richardson, United States)

Closing Remarks, OC & Poster Prizes

Prof. Erik VAN DER EYCKEN (KU LEUVEN, Leuven, Belgium)
Prof. Johan VAN DER EYCKEN (UGENT, Ghent, Belgium)