

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Wednesday 1st July - Scientific Centre of the Polish Academy of Sciences in Paris

YOUNG SCIENTISTS SESSION

Chairmen: Dr. Adam Gorczyński & Dr. Maciej Zaraneł

09:30

REGISTRATION

10:00

M.Sc. Miłosz Piechocki, *University of Camerino, Camerino, Italy*

EXPLORING LIGNIN-DERIVED ELECTROSPUN CARBON FIBERS FOR ORR/OER ELECTROCATALYSTS AND ZINC-AIR BATTERIES

10:10

M.Sc. Niccolo Nova, *Aix-Marseille University, Marseille, France*

MIMICKING LPMO'S ACTIVITY USING Cu^{2+} SYNZYMES AND METALLOPEPTIDES FOR BIOMASS VALORIZATION

10:20

M.Sc. Aleksandra Sikora, *Adam Mickiewicz University, Poznań, Poland*

ADVANCED HYBRID MATERIALS FOR SUSTAINABLE ELECTROCHEMICAL ENERGY STORAGE

10:30

M.Sc. Marcin Nowacki, *Adam Mickiewicz University, Poznań, Poland*

TRANSITIONING TOWARD FIVE STATE ELECTROCHROMIC SYSTEM IN NAPHTHALENE DIIMIDE BASED MATERIALS

10:40

M.Sc. Magdalena Stasiuk, *University of Gdańsk, Gdańsk, Poland*

THE SEARCH FOR NEW ARYLSULFONAMIDE DERIVATIVES - A RELATIONSHIP BETWEEN THEIR CHEMICAL STRUCTURE AND BIOLOGICAL ACTIVITY

10:50

M.Sc. Natalia Żukowska, *University of Gdańsk, Gdańsk, Poland*

BIOLOGICAL ACTIVITY OF PHENANTHROLINE SULFONAMIDE AND ITS Rh(III) AND Ir(III) COORDINATION COMPOUNDS - STRUCTURE-ACTIVITY RELATIONSHIP ANALYSIS

11:00

M.Sc. Sergiusz Napierała, *Adam Mickiewicz University, Poznań, Poland*

METAL-DEPENDENT ELECTROCHROMISM AND ELECTROFLUOROCROMISM IN TETRAPHENYLETHYLENE-BASED SALEN COMPLEXES

11:10

M.Sc. Ernest Ewert, *Adam Mickiewicz University, Poznań, Poland*

TEMPLATE SYNTHESIS OF NON-RIGID LANTHANUM(III) MACROCYCLE AND ITS INTERACTIONS WITH G-QUADRUPLEXES AND HUMAN SERUM ALBUMIN

11:20

M.Sc. Klaudia Krysiak-Smułek, *Adam Mickiewicz University, Poznań, Poland*

MONITORING OF LUMINESCENTLY LABELLED NANOPET AND NANOPMMA AMONGST HUMAN GUT MICROORGANISMS

11:30

Karol Garbaczewski, *Adam Mickiewicz University, Poznań, Poland*

AZAMACROCYCLES AS INNOVATIVE INITIATOR-CATALYST PLATFORMS IN ROP-NCA POLYMERIZATION

11:40

M.Sc. Jakub Nowicki, *Adam Mickiewicz University, Poznań, Poland*

STEREOCONTROLLED SYNTHESIS OF FLUORINATED α -HYDROXY- AND α -AMINOPHOSPHONATES

11:50

Mateusz Bogusławski, *Adam Mickiewicz University, Poznań, Poland*

APPLICATION OF PYRROLO-[3,4-C]-PYRROLE-1,4-DIONE DERIVATIVES IN ORGANIC ELECTRONICS

12:00

Ewelina Gruszczynska, *University of Warsaw, Warszawa, Poland*

PHEROMONE SYNTHESIS UTILISING STEREORETENTIVE OLEFIN METATHESIS CATALYSTS

12:10

M.Sc. Krzysztof Cwynar, *University of Silesia, Katowice, Poland*

BETWEEN NANOFLOWERS AND CARBON NANOTUBES. A STORY ON REDUCING THE VISCOSITY OF IONANOFLUIDS

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Wednesday 1st July - Scientific Centre of the Polish Academy of Sciences in Paris

YOUNG SCIENTISTS SESSION

Chairmen: Dr. Adam Gorczyński & Dr. Maciej Zaranek

12:20

M.Sc. Volodymyr Lyakh, *Wrocław University of Science and Technology, Wrocław, Poland*
ENGINEERING COLLAGEN MIMETICS FROM THE INSIDE OUT: BEYOND PROLINE CONSTRAINTS, SUPRAMOLECULAR TRIPLE-HELIX ASSEMBLY, AND TISSUE ENGINEERING PROSPECTS

12:30

Maria Stachowiak, *Adam Mickiewicz University, Poznań, Poland*
PORPHYRIN-BASED COVALENT ORGANIC FRAMEWORKS (COFS) FOR ENERGY STORAGE: SYNTHESIS AND APPLICATIONS

12:40

M.Sc. Bartosz Łagan, *Wrocław University of Science and Technology, Wrocław, Poland*
LOVE, BUT LONGER: CONFORMATIONALLY LOCKED OXYTOCIN ANALOGUES

12:50

M.Sc. Wojciech Dudziak, *Adam Mickiewicz University, Poznań, Poland*
POLYMER DATA STORAGE – CAN SYNTHETIC, ABIOTIC POLYMERS COMPETE WITH DNA?

IBPP Institut Bibliothèque Polonaise de Paris

OPENING CEREMONY

18:30

Prof. Krzysztof Matyjaszewski, *Carnegie Mellon University, Pittsburgh, USA*
PRECISELY CONTROLLED MACROMOLECULAR ARCHITECTURE BY ATRP

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Thursday 2nd July - Scientific Centre of the Polish Academy of Sciences in Paris

Chairmen: Prof. Monika Wałęsa-Chorab & Prof. Marcin Hoffmann

09:30

REGISTRATION

10:00

17:30

POSTER SESSION

10:00

Prof. Jean-François Nierengarten, *CNRS and University of Strasbourg, Strasbourg, France*
NEW SYNTHETIC STRATEGIES FOR THE EFFICIENT SYNTHESIS OF PILLAR[5]ARENE-CONTAINING INTERLOCKED SYSTEMS

10:20

Prof. Szymon Chorąży, *Jagiellonian University, Kraków, Poland*
MULTIFUNCTIONAL SOLID LUMINOPHORES BASED ON METAL COMPLEXES FOR LUMINESCENT THERMOHYGROMETRY

10:30

Prof. Wojciech Chaładaj, *Institute of Organic Chemistry, Polish Academy of Sciences, Warszawa, Poland*
REGIO- AND STEREOSELECTIVE FLUOROALKYLATION-FUNCTIONALIZATION OF ALKYNES

10:40

Prof. Mihail Barboiu, *European Institute of Membranes, Montpellier, France*
ARTIFICIAL WATER CHANNELS-TOWARD BIOMIMETIC MEMBRANES FOR DESALINATION

10:50

Dr. Anna Kajetanowicz, *University of Warsaw, Warszawa, Poland*
PRECISELY CONTROLLED MACROMOLECULAR ARCHITECTURE BY ATRP

11:00

Dr. Bastien Chatelet, *Sorbonne University, Paris, France*
BREAKING THE SYMMETRY IN CHIRAL SUPRAMOLECULAR RECEPTORS: FROM HEMICRYPTOPHANES TO CYCLODEXTRINS

11:10

Prof. Katarzyna Matczyszyn, *Wrocław University of Technology, Wrocław, Poland*
MULTIPHOTON-ACTIVE NANOPARTICLES FOR BIOPHOTONICS

11:20

Prof. Krzysztof Kuciński, *Adam Mickiewicz University, Poznań, Poland*
BEYOND CLASSICAL CATALYSIS: HFIP-ENABLED ACTIVATION STRATEGIES

11:30

Dr. Sébastien Ulrich, *CNRS, Montpellier, France*
DYNAMIC COVALENT SYNTHESIS: FROM CAGES TO POLYMERS

11:40

Dr. Michèle Salmain, *Sorbonne University, Paris, France*
LOCALIZATION AND SPECIATION OF A HIGHLY CYTOTOXIC ORGANOGOLD(III) COMPLEX IN A LUNG CANCER CELL MODEL

11:50

Prof. Beata Dudzic, *Adam Mickiewicz University, Poznań, Poland*
STRUCTURE-PROPERTY RELATIONSHIPS IN SILSESQUOXANES: FROM MOLECULAR SCALE TO MACROSCOPIC PERFORMANCE

12:00

Prof. Davy-Louis Versace, *University Paris-Est Créteil, Paris, France*
PHOTOCHEMISTRY: TOWARDS THE SYNTHESIS OF NEW INNOVATIVE AND ANTIBACTERIAL BIOMATERIALS

12:10

Prof. Agnieszka Wilczewska, *University of Białystok, Białystok, Poland*
RATIONAL DESIGN IN NANOMEDICINE: PHYSICO-CHEMICAL AND MORPHOLOGICAL EVALUATION OF LIPID-BASED SMART DRUG DELIVERY SYSTEMS

12:20

Prof. Michał Banaszak, *Adam Mickiewicz University, Poznań, Poland*
VICE RECTOR OF ADAM MICKIEWICZ UNIVERSITY IN POZNAŃ

12:30

LUNCH BREAK

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Thursday 2nd July - Scientific Centre of the Polish Academy of Sciences in Paris

The parallel session will take place at IPBB

Chairmen: Prof. Joanna Gościańska & Prof. Krzysztof Kuciński

- 14:30 **Prof. Bruno Ameduri**, ICGM/CNRS, Montpellier, France
WHAT DO WE KNOW ABOUT PER- OR POLYFLUOROALKYL SUBSTANCES (PFAS)?
- 14:50 **Prof. Guillaume Vives**, Sorbonne University, Paris, France
SWITCHABLE MOLECULAR TWEEZERS AS A MULTIFUNCTIONAL PLATFORM
- 15:00 **Prof. Beata Zielińska**, West Pomeranian University of Technology in Szczecin, Szczecin, Poland
STRATEGIES FOR ENHANCING PHOTOCATALYTIC HYDROGEN EVOLUTION OVER GRAPHITIC CARBON NITRIDE-BASED MATERIALS
- 15:10 **Dr. Joanna Wątył**, University of Wrocław, Wrocław, Poland
PROTEASE-RESISTANT SALIVARY PEPTIDOMIMETICS ACTIVATED BY METAL IONS: A NEW STRATEGY AGAINST ORAL PATHOGENS
- 15:20 **Prof. Régis Gauvin**, Chemistry Research Institute of Paris, Paris Tech Chemistry, France
(ULTRA) HIGH FIELD NMR FOR STRUCTURAL STUDIES IN MOLECULES AND MATERIALS FOR CATALYSIS
- 15:30 **Prof. Elżbieta Pamuła**, AGH University, Kraków, Poland
ADVANCED PULMONARY DELIVERY PLATFORMS: ENGINEERING TARGETED THERAPY FOR RESPIRATORY DISEASES
- 15:40 **Prof. Paula Gawryszewska-Wilczyńska**, University of Wrocław, Wrocław, Poland
INTENTIONAL STRUCTURAL MODIFICATION AND THE UNIQUE PHOTOPHYSICAL PROPERTIES OF HOMO- AND HETERONUCLEAR LANTHANIDE CHELATES
- 15:50 **Dr. Emmanuel Flahaut**, CNRS/University of Toulouse, Toulouse, France
PHOTOCATALYTIC HYDROGEN PRODUCTION FROM WATER SPLITTING USING DWCNT:G-C3N4 NANOHYBRIDS
- 16:00 **Prof. Beata Kalska-Szostko**, University of Białystok, Białystok, Poland
LOW DIMENSIONAL MAGNETIC STRUCTURES – CHARACTERIZATION AND PROPERTIES
- 16:10 **COFFEE BREAK**

Chairmen: Dr. Ingrid Suzana & Prof. Robert Wojcieszak

- 16:20 **Dr. Anne Vessières**, Sorbonne University, Paris, France
CYCLODEXTRIN-FORMULATED FERROCIFEN PENETRATES THE MOUSE BRAIN AND SIGNIFICANTLY IMPROVES SURVIVAL IN AN ORTHOTOPIC MODEL OF GLIOBLASTOMA
- 16:30 **Prof. Katarzyna Świrk-Da Costa**, Norwegian University of Science and Technology, Trondheim, Norway
STRUCTURAL RECONSTRUCTION OF NICKEL PHYLLOSILICATES IN KIT-6 MESOPOROUS SILICA DURING REDUCTION AND ITS IMPACT ON CATALYTIC ACTIVITY
- 16:40 **Prof. Renaud Nicolaj**, ESPCI Paris - PSL University, Paris, France
FROM PHASE SEPARATION TO NITRENE CHEMISTRY: SOME RECENT ADVANCES IN THE DESIGN OF DYNAMIC POLYMER NETWORKS

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Thursday 2nd July - Scientific Centre of the Polish Academy of Sciences in Paris

The parallel session will take place at IPBB

Chairmen: Dr. Ingrid Suzana & Prof. Robert Wojcieszak

16:50

Prof. Michał Bielejewski, *Institute of Molecular of the Physics Polish Academy of Sciences, Poznań, Poland*
ADVANCED NMR METHODS IN ENERGY STORAGE MATERIALS STUDY

17:00

Dr. Jamal Moussa, *Sorbonne University, Paris, France*
PYRIDYLIDENE LIGANDS AND THEIR RELATED ORGANOMETALLIC COMPLEXES FOR NOVEL OPPORTUNITIES IN VARIOUS APPLICATIONS

17:10

Dr. Dominika Czerwonka, *Institute of Bioorganic Chemistry Polish Academy of Science, Poznań, Poland*
HIGH-THROUGHPUT DISCOVERY OF DIVERSE ALLOSTERIC AND COVALENT INHIBITORS OF PYCR1

17:20

Dr. Veronica Montes Garcia, *Adam Mickiewicz University, Poznań, Poland*
FROM WASTE TO INTERFACE: PRECURSOR PRETREATMENT GOVERNS SURFACE CHEMISTRY AND ELECTROCHEMICAL PERFORMANCE OF COFFEE-DERIVED ACTIVATED CARBONS IN ZINC-BASED ENERGY STORAGE

17:30

Prof. Wojciech Smulek, *Poznan University of Technology, Poznań, Poland*
ENVIRONMENTAL SAFETY OF THE PYRETHROIDS AND PYRETHRINS

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Thursday 2nd July - IBPP Institut Bibliothèque Polonaise de Paris

The parallel session will take place at Scientific Centre of PAS

Chairmen: Dr. Nahir Vadra-Garcia & Prof. Filip Ciesielczyk

15:00

Dr. Grzegorz Markiewicz, *Adam Mickiewicz University, Poznań, Poland*

AMINO ACID-DERIVED AROMATIC SCAFFOLDS FOR CONTROLLING (A)SYMMETRY IN SUPRAMOLECULAR ASSEMBLIES

15:10

Dr. Jan Holub, *University of Chemistry and Technology, Prague, Czech Republic*

ELECTRO- AND PHOTOCATALYTIC AMMONIA OXIDATION WITH RUBDA-FUNCTIONALISED CARBON MATERIALS

15:20

Prof. Anna Berlicka, *University of Wrocław, Poland*

CARBAPORPHYRIN: REACTIVITY OF A CYCLOPENTADIENE MOIETY WITHIN A MACROCYCLIC FRAMEWORK

15:30

Dr. Mateusz Kowalik, *University of Gdańsk, Poland*

ORGANOMETALLIC RHODIUM(III) COMPLEX WITH PHENANTHROLINESULFONAMIDE IN THE FIGHT AGAINST LEUKEMIA CANCER CELLS

15:40

Dr. Christophe Desmarests, *Sorbonne University, Paris, France*

ENGINEERING FUNCTIONAL POLYMETALLIC M_2L_4 ASSEMBLIES

15:50

Prof. Martin Jönsson-Niedziółka, *Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland*

PEPTIDES FOR ELECTROCHEMICAL BIOSENSORS – TOWARDS SELECTIVE DETECTION OF C-REACTIVE PROTEIN ISOFORMS

16:00

Dr. Constance Lecourt, *Sorbonne University, Paris, France*

SYNERGISTIC PHOTO-SWITCHABLE EFFECTS IN MULTIFUNCTIONAL HETERO-POLY-METALLIC COMPLEXES

16:10

COFFEE BREAK

Chairmen: Prof. Justyna Walkowiak-Kulikowska & Dr. Sreenivasachary Nampally

16:20

Dr. Antonio Santoro, *University of Messina, Italy*

STIMULI-RESPONSIVE SELF-ASSEMBLY OF METAL-BASED HELICAL ARCHITECTURES

16:30

Dr. Iwona Misztalewska-Turkowicz, *University of Białystok, Białystok, Poland*

THE GRADIENT RAFT COPOLYMERISATION FOR CO₂/N₂ SWITCHABLE POLYMERS PREPARATION

16:40

Dr. Fan Yang, *Chimie ParisTech, PSL University, Paris, France*

MULTICATALYTIC ACCESS TO RENEWABLE POLY(SILYL ETHER)S WITH TUNABLE PROPERTIES

16:50

Dr. Tadeusz Muzioł, *Nicolaus Copernicus University in Toruń, Poland*

STRUCTURAL AND SPECTROSCOPIC STUDIES OF COMPLEXES WITH [CR(OX)₃]³⁻ UNITS

17:00

Dr. Katarzyna Kaczmarek, *University of Silesia, Katowice, Poland*

EFFECT OF FUNCTIONALIZED CARBON NANOTUBES ON THE PHYSICO-CHEMICAL PROPERTIES OF IONIC NANOFUIDS BASED ON 1-ETHYL-3-METHYLIMIDAZOLIUM THIOCYANATE

17:10

Prof. Jan Romański, *University of Warsaw, Poland*

SQUARAMIDE-BASED ION-PAIR RECEPTORS: FROM SALT EXTRACTION TO TRANSMEMBRANE TRANSPORT

17:20

Prof. Adam Duong, *University of Picardie, Amien, France*

MISSING PUZZLE IN CRYSTAL ENGINEERING: INTEGRATING COMPLEMENTARY HYDROGEN-BONDING MOTIFS WITHIN A SINGLE MOLECULAR CORE

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Friday 3rd July- Amphitéâtre Michelet De La Sorbonne

Chairmen: Prof. Izabela Nowak & Prof. Till Bousquet

09:30

REGISTRATION

10:00

Prof. Paweł J. Kulesza, *University of Warsaw, Warszawa, Poland*

DEVELOPMENT OF CATALYTIC SYSTEMS TOWARD REDUCTIVE CONVERSION OF ELECTROCHEMICALLY INERT REACTANTS: CARBON DIOXIDE, NITROGEN AND NITRATES

10:20

Prof. Teofil Jesionowski, *Poznan University of Technology, Poznań, Poland*

BIO-BASED HYBRID MATERIALS FOR ENVIRONMENTAL AND MEDICAL APPLICATIONS

10:40

Prof. Fabien Cognon, *University of Jyväskylä, Jyväskylä, Finland*

DESIGNING NEW, UNCONVENTIONAL PROTEIN FOLDS

10:50

Prof. Karol Grela, *University of Warsaw, Warszawa, Poland*

OLEFIN METATHESIS, A NARRATIVE AND TWO OTHER STORIES: REACTIVE DISTILLATION AND MINIMIZING CATALYST LOADING

11:00

Prof. Joanna Ortyl, *Cracow University of Technology, Kraków, Poland*

DEVELOPMENT OF NOVEL ANTIBACTERIAL PHOTOCURABLE RESINS FOR 3D PRINTING VPP APPLICATIONS IN DENTAL MATERIALS

11:10

Prof. Anna Maria Papini, *University of Florence, Florence, Italy*

PEPTIDE CHEMISTRY FOR WELL-BEING: PROOFS OF CONCEPT IN DIAGNOSTICS, THERAPEUTICS, AND COSMECEUTICALS

11:20

Prof. Artur Stefankiewicz, *Faculty of Chemistry/Center for Advanced Technologies, Adam Mickiewicz University, Poznań, Poland*

TOWARD ADAPTIVE SYSTEMS: AMINO ACID-BASED SELF-ASSEMBLED NANOSTRUCTURES

11:30

Dr. Ingrid Suzana, *Aix-Marseille University, Marseille, France*

MULTIFUNCTIONALITY VIA METAL INTEGRATION: THE PROMISE OF HETERO-POLYMETALLIC ARCHITECTURES

11:40

Prof. Joanna Pietrasik, *Łódź University of Technology, Łódź, Poland*

POLYMER NETWORKS BASED ON OLIGO(ETHYLENE GLYCOL) METHYL ETHER METHACRYLATE

11:50

Prof. Juliene Leclaire, *ENS Lyon, Lyon, France*

SYNERGISTIC CO₂-CAPTURE AND METAL RECYCLING: FROM DISRUPTIVE CONCEPT TO OPERATING PLANT

12:00

Dr. Nahir Vadra-Garcia, *Adam Mickiewicz University, Poznań, Poland*

MULTIFUNCTIONAL STIMULI-RESPONSIVE HYBRID MATERIALS BASED ON POLYOXOMETALATES

12:10

Prof. Adrian Michail Stadler, *Institute of Supramolecular Science and Engineering, Strasbourg, France*

SUCCESSIVE TRANSIMINATIONS: PH-TRIGGERED SWITCHES AND MULTISTEP PROCESSES

12:20

Dr. Wojciech Drożdż, *Adam Mickiewicz University, Poznań, Poland*

ORGANIC AND COORDINATION CAGES FOR AQUEOUS MOLECULAR RECOGNITION AND FUNCTIONAL APPLICATIONS

12:30

Dr. Damian Syjczak, *NAWA, Warszawa, Poland*

VICE DIRECTOR OF NAWA

12:40

GROUP PHOTO

12:50

LUNCH BREAK

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Friday 3rd July- Amphitéâtre Michelet De La Sorbonne

Chairmen: Prof. Mariusz Makowski & Prof. Piotr Pawluć

- 14:30 **Prof. Ewa Mijowska**, West Pomeranian University of Technology in Szczecin, Szczecin, Poland
DEFECT-DRIVEN ENGINEERING OF BOROPHENE-LIKE DERIVATIVES FOR ENHANCED ELECTROCATALYTIC WATER SPLITTING
- 14:50 **Dr. Artur Ciesielski**, Adam Mickiewicz University, Poznań, Poland, University of Strasbourg, France
2D COVALENT ORGANIC FRAMEWORKS AND THEIR HYBRIDS: BRIDGING SYNTHESIS AND APPLICATIONS
- 15:10 **Prof. Paweł Chmielarz**, Rzeszow University of Technology, Rzeszów, Poland
REVERSIBLE DEACTIVATION RADICAL POLYMERIZATION: OUTLOOK FOR SYNTHESIS OF FUNCTIONAL MATERIALS
- 15:20 **Dr. Yvan Six**, Laboratory of Organic Synthesis, Ecole University of Technology, Palaiseau, France
TITANIUM-MEDIATED CONSTRUCTION OF POLYSUBSTITUTED AROMATIC SYSTEMS FROM 1,3-DIYNES
- 15:30 **Prof. Agnieszka Jastrzębska**, Warsaw University of Technology, Warszawa, Poland
REFINING STABLE AND BIOCOMPATIBLE MXENE CANDIDATES FOR FUTURE BIOTECHNOLOGICAL APPLICATIONS
- 15:40 **Prof. Ahmed Legrouri**, Mohammed VI University of Technology (UM6P), Benguerir, Morocco
ENHANCING WATER PURIFICATION VIA LAYERED DOUBLE HYDROXIDES
- 15:50 **Prof. Paweł Kowalczyk**, University of Łódź, Poland
TOWARD TRANSPARENT ELECTRONICS: PECULIAR PHENOMENA IN 2D MATERIALS
- 16:00 **Prof. Sebastian Suárez**, Autonomous University of Madrid, Madrid, Spain
NITROXYL (HNO): REDOX CHEMISTRY, METAL-BASED DETECTION, AND ENDOGENOUS FORMATION
- 16:10 **Prof. Marzena Dzida**, University of Silesia, Katowice, Poland
TRANSFER MECHANISMS IN IONIC LIQUID WITH LONG MULTI-WALLED CARBON NANOTUBES
- 16:20 **Dr. Paweł Dydio**, University of Cambridge, Great Britain
DESIGNING REACTIVITY IN CATALYSIS: FROM MECHANISTIC INSIGHT TO MULTICATALYSIS
- 16:30 **Prof. Volodymyr Sashuk**, Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland
WHEN MONOLAYERS BECOME CATALYSTS – AND ENABLE CONTROL OVER CATALYSIS
- 16:40 **Prof. Jędrzej Walkowiak**, Adam Mickiewicz University, Poznań, Poland
HYDROBORATION CATALYZED BY IONIC LIQUIDS AND SINGLE-ATOM CATALYSTS
- 16:50 **Prof. Iwona Rutkowska**, University of Warsaw, Poland
CATALYTIC AND COCATALYTIC PROPERTIES OF POLYNUCLEAR COBALT HAEXACYANOFERRATE NETWORKS TOWARD WATER OXIDATION IN ACID MEDIUM
- 17:00 **Prof. Marcin Drąg**, Center for Chemical Biology, Institute of Physical Chemistry, Polish Academy of Sciences, Warszawa, Poland
BREAKING NATURE'S LIMITS: THE ERA OF UNNATURAL AMINO ACIDS

3rd FRENCH-POLISH CHEMISTRY CONGRESS

CONFERENCE PROGRAMME

Saturday 4th July - IBPP Institut Bibliothèque Polonaise de Paris

Chairmen: Prof. Valerie Marvaud & Prof. Régis Gauvin

09:30

REGISTRATION

10:00

Dr. Fabrice Pointillart, *CNRS-University of Rennes, Rennes, France*

DEVELOPMENT OF CATALYTIC SYSTEMS TOWARD REDUCTIVE CONVERSION OF ELECTROCHEMICALLY INERT REACTANTS: CARBON DIOXIDE, NITROGEN AND NITRATES

10:20

Prof. Miłosz Pawlicki, *Jagiellonian University, Kraków, Poland*

PI-DELOCALISATION IN 2D AND 3D CONJUGATED SKELETONS

10:40

Prof. Rinaldo Poli, *CNRS - Coordination Chemistry Laboratory, Toulouse, France*

TERMINATION STUDIES OF ACRYLATE RADICALS IN ATRP

10:50

Prof. Justyna Walkowiak-Kulikowska, *Adam Mickiewicz University, Poznań, Poland*

STRUCTURE-PROPERTY RELATIONSHIPS IN CARBOHYDRATE-FUNCTIONALIZED FLUORINATED STYRENE COPOLYMERS: FROM CUAAC SYNTHESIS TO INTERFACIAL BEHAVIOR

11:00

Prof. Róża Szweda, *Adam Mickiewicz University, Poznań, Poland*

ENCODING AND PROPAGATION OF STEREOCHEMICAL INFORMATION IN SEQUENCE-DEFINED OLIGOURETHANES

11:10

Dr. Yvain Nicolet, *Institute of Structural Biology, Grenoble, France*

STRUCTURE AND MECHANISM OF THE DAROBACTIN SYNTHASE DARE UNVEIL HOW THE ENZYME TAMES OXYGEN

11:20

Dr. Izabela Zaborniak, *Rzeszow University of Technology, Rzeszów, Poland*

CONTROLLED SYNTHESIS OF BRANCHED POLYMERIC EXCIPIENTS FOR MODIFIED DRUG RELEASE APPLICATIONS

11:30

Prof. Artur Krężel, *University of Wrocław, Wrocław, Poland*

CHEMICAL DETERMINANTS OF METAL COORDINATION AND STRUCTURAL DYNAMICS IN Zn(II) AND Cu(I)/Zn(II) METALLOTHIONEINS, KEY PROTEINS IN METAL HOMEOSTASIS

11:40

Dr. Nicolas Illy, *Sorbonne University, Paris, France*

HARNESSING THIOLACTONE CHEMISTRY FOR THE DESIGN OF FUNCTIONAL POLYMERS

11:50

Prof. Jan Paczesny, *Institute of Physical Chemistry Polish Academy of Sciences, Warszawa, Poland*

PHYSICOCHEMICAL ENGINEERING OF MATERIAL-VIRUS-BACTERIA INTERFACES FOR SELECTIVE BIOCONTROL

12:00

Prof. Sławomir Potocki, *University of Wrocław, Wrocław, Poland*

COORDINATION CHEMISTRY IN ACTION: STRATEGIES FOR METALLOPROTEIN INHIBITION

12:10

Dr. Cataldo Valentini, *Center for Advanced Technologies, Adam Mickiewicz University, Poznań, Poland*

AMBIPOLEAR DONOR-ACCEPTOR 2D COVALENT ORGANIC FRAMEWORKS AS CATHODE MATERIAL FOR ALUMINUM ENERGY STORAGE DEVICE

Paris, 1-4 July 2026

3rd FRENCH-POLISH CHEMISTRY CONGRESS CONFERENCE PROGRAMME

Saturday 4th July - IBPP Institut Bibliothèque Polonaise de Paris

CLOSING CEREMONY

Chairmen: Prof. Maciej Forycki

12:30

Prof. Jean-Marie Lehn, *Institute of Supramolecular Science and Engineering, University of Strasbourg, France*

FROM SUPRAMOLECULAR TOWARDS ADAPTIVE CHEMISTRY: IF ORDER CAN BE, ORDER WILL BE!

Prof. Bogumiła Kaniewska, *Adam Mickiewicz University, Poznań, Poland*
RECTOR OF ADAM MICKIEWICZ UNIVERSITY IN POZNAŃ

Prof. Violetta Patroniak, *Adam Mickiewicz University, Poznań, Poland*
CHAIR OF 3RD FRENCH-POLISH CHEMISTRY CONGRESS