Paris, les 14-15 mars 2018

IIe ASSISES FRANCO-POLONAISES DE CHIMIE

Académie Polonaise des Sciences
Centre Scientifique à Paris

Université de Technologie de Poznań

Université Adam Mickiewicz de Poznań

Sous le Haut Patronage de l'Ambassadeur de la République de Pologne en France
S. E. M. Tomasz Młynarski

MERCREDI,
le 14 mars 2018, 17.30

AMBASSADE DE LA RÉPUBLIQUE DE POLOGNE À PARIS
Hôtel de Monaco
57, rue Saint-Dominique – 75007 Paris

Soirée d'hommage à Jean-Pierre Sauvage

ALLOCUTIONS D'OUVERTURE

Prof. Tomasz Młynarski
Ambassadeur de la République de Pologne en France

Prof. Elżbieta Frąckowiak
vice-présidente de l'Académie Polonaise des Sciences

Prof. Maciej Forycki
directeur du Centre Scientifique de l'Académie Polonaise des Sciences à Paris

Prof. Teofil Jesionowski
vice-recteur de l'Université de Technologie de Poznań

DISCOURS D'HOMMAGE AU PROFESSEUR JEAN-PIERRE SAUVAGE

Prof. Jacques Maddaluno
directeur de l'Institut de chimie du CNRS

Prof. Paolo Samorì
directeur de l'Institut de Science et d'Ingénierie Supramoléculaires de l'Université de Strasbourg

CONFÉRENCE DU PROFESSEUR JEAN-PIERRE SAUVAGE

MOLECULAR MACHINES IN BIOLOGY AND IN CHEMISTRY

Jean-Pierre Sauvage
Membre de l'Académie française des sciences
Professeur à l'Université de Strasbourg
Prix Nobel de chimie

THURSDAY,
15 March 2018, 10.00 am.

CENTRE SCIENTIFIQUE DE L'ACADÉMIE POLONAISE DES SCIENCES À PARIS
74, rue Lauriston – 75116 Paris

10:00 PLENARY LECTURES

Chairman: **Prof. Teofil Jesionowski**, PUT Poznań

10.10 **Prof. Elżbieta Frąckowiak**, PUT Poznań
MODIFIED CARBON ELECTRODES FOR ELECTROCHEMICAL CAPACITORS

10.30 **Prof. Bruno Ameduri**, CNRS Montpellier
RECENT ADVANCES ON CONTROLLED RADICAL POLYMERIZATION OF FLUOROALKENES AND ARCHITECTURES THEREFROM

10.45 **Artur Ciesielski**, Unistra & CNRS, ISIS, Strasbourg
2D MATERIALS IN SENSING APPLICATIONS

11.00 **Prof. Mihai Barboiu**, CNRS Montpellier
PYRENE-BOX CAPSULES FOR ADAPTIVE ENCAPSULATION AND STRUCTURE DETERMINATION OF NON-CRYSTALLINE BIOGENIC COMPOUNDS

11.15 **Prof. Artur Stefankiewicz**, AMU Poznań, CAT Poznań
MULTIDYNAMIC MOLECULAR AND SUPRAMOLECULAR SYSTEMS

11.30 **Prof. Bernold Hasenknopf**, University of Sorbonne, Paris
POLYROTAXANES FOR BIMODAL IMAGING

11.45 **Prof. Miłosz Pawlicki**, UWr Wrocław
FUSING (HETERO)ACENE WITH TRIPHYRINS(2.1.1) AS A TOOL FOR CONTROLLING AROMATICITY

12.00 **Prof. Valerie Marvaud**, UPMC Paris
LIGHT-INDUCED MAGNETISM IN MOLYBDENUM COMPLEXES

12.15 **Adam Gorczyński**, AMU Poznań
FROM SINGLE MOLECULE MAGNETS AND CATALYSIS TO POROUS MATERIALS: IS IT POSSIBLE TO RATIONALLY DESIGN THE STRUCTURE AND PROPERTIES IN N-HETEROCYCLIC METALLO-SUPRAMOLECULAR ASSEMBLIES?

12.30 Lunch break

14.30 PLENARY LECTURES

Chairman: **Prof. Maciej Kubicki**, AMU Poznań

14.30 **Prof. Bogdan Marciniec**, AMU Poznań, CAT Poznań
TRANSFORMATIONS OF VINYLSUBSTITUTED SILSESQUIOXANES AND HETEROSILSESQUIOXANES VIA OLEFIN METATHESIS AND METALLATIVE COUPLING PROCEDURES

14.45 **Prof. Francois Béguin**, PUT Poznań
PART I: NEW PRELITHIATION STRATEGIES OF THE NEGATIVE ELECTRODE IN LITHIUM ION CAPACITORS

15.00 **Prof. Thierry Brousse**, CNRS2 Nantes, CNRS Amiens
PART II: SAFER AND GREENER LITHIUM ION CAPACITORS: NEW STRATEGIES USING ORGANIC BASED LITHIATED MOLECULES

15.15 **Prof. Claude Lecomte**, CRM2 Nancy
CHARGE AND SPIN DENSITY MODELS AND APPLICATIONS: IN MEMORIAM OF PROFESSOR PHILIP COPPENS

15.30 **Prof. Regis Gauvin**, CNRS Lille
RU, FE AND MN PINCER COMPLEXES FOR ACCEPTORLESS DEHYDROGENATIVE CONVERSION OF ALCOHOLS

15.45 **Sebastien Ulrich**, CNRS Montpellier, ENSCM Montpellier
ACCESSING FUNCTIONAL SUPRAMOLECULAR ARCHITECTURES USING ORTHOGONAL SELF-ASSEMBLY PROCESSES

16.00 **Prof. Florian Monnier**, CNRS Montpellier, IUF Paris
COPPER CATALYTIC SYSTEMS: A LA CARTE TOOLS FOR SYNTHESIS OF MOLECULES OF INTEREST

16.15 **Prof. Grzegorz Hreczycho**, AMU Poznań
SYNTHESIS OF ORGANOSILICON COMPOUNDS CATALYZED BY SCANDIUM(III) TRIFLUOROMETHANESULFONATE

16.30 TABLE RONDE & WORKSHOP

Prof. Marcin Hoffman
Prof. Hieronim Maciejewski
Prof. Wojciech Macyk
Prof. Violetta Patroniak
Prof. David Virieux
Prof. Krzysztof Woźniak

Marta A. Fik, Prof. Violetta Patroniak, AMU Poznań
SELF-ASSMEBLY AS AN AVENUE TO OBTAIN MOLECULES WITH SPECIAL PROPERTIES

Prof. Piotr Pawluć, AMU Poznań, CAT Poznań
SILANOLS AS ACTIVATORS OF ALKYNE METATHESIS UNDER OPTIMIZED CONDITIONS

Prof. Ewa Kaczorek, PUT Poznań
SURFACTANTS OF THE PLANT ORIGIN AS AN ALTERNATIVE TO SYNTHETIC SURFACTANTS IN ENVIRONMENTAL APPLICATIONS

Mateusz Nowicki, Prof. Marcin Hoffmann, AMU Poznań
PERFLUOROPHENYL PHOSPHONATE ANALOGUES OF AROMATIC AMINO ACIDS: SYNTHESIS, X-RAY, AND DFT STUDIES

Prof. Donata Pluskota-Karwatka, AMU Poznań
SYNTHESIS, SOLID STATE CHARACTERISATION AND DFT STUDIES OF FLUORINATED PHOSPHONATE ANALOGUES OF PHENYLALANINE

Jakub Wienskowski, PUEB Poznań, CAT Poznań
THE ROLE OF LIFE CYCLE ASSESSMENT IN THE CHEMICAL RISK ASSESSMENT OF EU REGULATION

Agnieszka Polauin, ESRF Grenoble
STRUCTURAL CHANGES OF BIOMASS DURING PYROLYSIS REVEALED BY HIGH ENERGY X-RAY DIFFRACTION COMBINED WITH PAIR DISTRIBUTION FUNCTION ANALYSIS

Łukasz Klapiszewski, Marcin Wysokowski, PUT Poznań
BIO-BASED ADVANCED FUNCTIONAL HYBRID MATERIALS: DESIGN AND PRACTICAL UTILITY

Dawid Pakulski, AMU Poznań, CAT Poznań, ISIS Strasbourg
FUNCTIONAL GRAPHENE OXIDE AS A NEW, HIGH-PERFORMANCE ADSORBENT OF HEAVY METAL IONS

Dawid Marcinkowski, AMU Poznań
MAGNETO-STRUCTURAL CORRELATIONS IN NEW SINGLE MOLECULE MAGNETS BASED ON LANTHANIDE

ORGANIZING COMMITTEE

Prof. Maciej Forycki
Prof. Teofil Jesionowski
Prof. Hieronim Maciejewski
Prof. Violetta Patroniak
Artur Ciesielski
Marta A. Fik
Katarzyna Kula