

Sunday August 27

17:00-19:00 Registration
19:00- Welcome Drink

Monday August 28

8:30-9:00	Opening Ceremony	
9:00-9:45	PL1	Lubomír Rulíšek
9:45-10:10	IL1	Jakub Radek Štoček
10:10-10:25	OC1	Dominik Farka
10:25-11:00	Coffee Break	
11:00-11:45	PL2	Eva Jakab Toth
11:45-12:10	IL2	Guillaume Lefèvre
12:10-12:25	OC2	Petr Hermann
12:25-12:40	OC3	Přemysl Lubal
12:40-12:55	OC4	Eva Zahradníková
12:55-14:00	Lunch	
14:00-14:45	PL3	Jiří Pospíšil
14:45-15:10	IL3	Michaël Rivard
15:10-15:25	OC5	Ctibor Mazal
15:25-15:40	OC6	Milan Urban
15:40-15:55	OC7	Jaroslav Nisler
15:55-16:10	OC8	Kateřina Bezděková
16:10-17:30	Coffee & Poster Session	
17:30-	Free Evening & City Tour	

Tuesday August 29

8:30-9:15	PL4	Sébastien Goeb
9:15-9:40	IL4	Libor Dostál
9:40-9:55	OC9	Zuzana Vargová
9:55-10:10	OC10	Radim Hrdina
10:10-10:25	OC11	Isabel Gay Sánchez
10:25-11:00	Coffee Break	
11:00-11:45	PL5	Zdeněk Sofer
11:45-12:10	IL5	Marcel Bouvet
12:10-12:25	OC12	Veronika Šedajová
12:25-12:40	OC13	Jan Zich
12:40-12:55	OC14	Arkadii Bikbashev
12:55-14:00	Lunch	
14:00-14:25	IL6	Erica Benedetti
14:25-14:40	OC15	Tomáš Hostinský
14:40-14:55	OC16	Barbora Jansová
14:55-15:10	OC17	Bubert Chapuis
15:10-15:25	OC18	Michel Meyer
15:25-15:50	IL7	Barbora Papoušková
15:50-16:20	Coffee Break	
16:20-16:45	IL8	Pavla Perlíková
16:45-17:30	PL6	Peter Faller
17:30-18:00	Closing Ceremony	
19:00-	Social Dinner	



Sunday, August 27th

17:00–19:00 - Registration

Faculty of Science, 17. listopadu 12, Olomouc (6th floor)

from 19:00 - Welcome drink + Moravian cimbalom music

Faculty of Science, 17. listopadu 12, Olomouc (6th floor)

Monday, August 28th

8:30–9:00 - Opening Ceremony (Fort Science)

Chair - Eva Jakab Toth

9:00–9:45 - Plenary Lecture 1

Elucidating Reaction Mechanisms of Coupled Binuclear Copper Enzymes by Correlating QM/MM Calculations and Spectroscopy

Lubomír Rulíšek

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic

9:45–10:10 - Invited Lecture 1

The Hydrogen Bond Continuum in Molecular Solids

Jakub Radek Štoček

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic

10:10–10:25 - Oral Communication 1

Chalcogen Bonds in Conductive Polymers: Promise and Limitations

Dominik Farka

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic

10:25–11:00 - Coffee Break

Chair - Bohuslav Drahoš

11:00–11:45 - Plenary Lecture 2

Manganese Complexes for MRI Applications

Eva Jakab Toth

Centre de Biophysique Moléculaire, CNRS, Université d'Orléans, Orléans, France

11:45–12:10 - Invited Lecture 2

From Coordination Chemistry to Catalysis: Rational Design of new Fe Non-innocent Complexes

Guillaume Lefèvre

Chimie ParisTech, CNRS, Institute of Chemistry for Life and Health Sciences, France

12:10–12:25 - Oral Communication 2

Complexes of Fluorine-containing Macrocycles with Paramagnetic Metal Ions as Contrast Agents for ¹⁹F MRI

Petr Hermann

Department of Inorganic Chemistry, Charles University, Prague, Czech Republic

12:25–12:40 - Oral Communication 3

Thermodynamic, Kinetic and Structural Study of Cu(II) Complex of an Ethylene Cross-bridged Cyclam Ligand with Two Pyridine Pendants

Přemysl Lubal

Department of Chemistry, Masaryk University, Brno, Czech Republic

12:40–12:55 - Oral Communication 4

Optimization of the Synthesis of Pyridine-based Macrocyclic Ligands for the Preparation of Complexes Interesting in the Field of Molecular Magnetism

Eva Zahradníková

Department of Inorganic Chemistry, Palacky University Olomouc, Olomouc, Czech Republic

12:55–14:00 - Lunch

Chair - Miroslav Sural

14:00–14:45 - Plenary Lecture 3

(Un)natural Product Synthesis: Curiosity Driven Approach to Unprecedented Amino Acids

Jiří Pospíšil

Department

of Chemical Biology, Palacky University Olomouc, Olomouc, Czech Republic

14:45–15:10 - Invited Lecture 3

Organic Electrosynthesis for Biology and Environmental Sciences

Michaël Rivard

East Paris Institute of Chemistry and Materials (ICMPE), East Paris University of Creteil,

Creteil, France

15:10–15:25 - Oral Communication 5

Phenanthrylene-Ethenylene Oligomers

Ctibor Mazal

Department of Chemistry, Faculty of Science, Masaryk University Brno, Czech Republic

15:25–15:40 - Oral Communication 6

Studies of the Mechanism of Action of Heterocyclic Lupane Triterpenoids with Anticancer Activity

Milan Urban

Institute of Molecular and Translational Medicine (IMTM), Palacky University Olomouc,

Olomouc, Czech Republic

15:40–15:55 - Oral Communication 7

Synthesis and Development of MTU - a Thiadiazol-based Biostimulant, which is on the Agrochemical Market

Jaroslav Nisler

Institute of Experimental Botany of the Czech Academy of Sciences, Prague, Czech Republic

15:55–16:10 - Oral Communication 8

Towards Tetrapodal Molecular Motors

Kateřina Bezděková

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague,

Czech Republic

16:10–17:30 - Coffee + Poster Session

from 17:30 - Free evening + city tour

Tuesday, August 29th

Chair - Guillaume Lefèvre

8:30–9:15 - Plenary Lecture 4

Playing with the Cavity of Self-assembled Cages

Sébastien Goeb

Laboratory MOLTECH-Anjou, University of Angers, Angers, France

9:15–9:40 – Invited Lecture 4

Rich and Intriguing Chemistry of Heavy Pnictinidenes

Libor Dostál

Department of General and Inorganic Chemistry, University of Pardubice, Pardubice, Czech Republic

9:40–9:55 - Oral Communication 9

SAR Consideration in the case of Selected Silver(I) Complexes

Zuzana Vargová

Department of Inorganic Chemistry, P. J. Šafárik University, Košice, Slovakia

9:55–10:10 - Oral Communication 10

Bifunctional Dirhodium(II,II) Complexes in Directed Amination Reactions

Radim Hrdina

Department of Organic Chemistry, Charles University, Prague, Czech Republic

10:10–10:25 - Oral Communication 11

Application of Helicenes in Enantioselective Catalysis

Isabel Gay Sánchez

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic

10:25–11:00 - Coffee Break

11:00–11:45 - Plenary Lecture 5

2D Material beyond Graphene, Chemistry and Applications

Zdeněk Sofer

Department of Inorganic Chemistry, University of Chemistry and Technology Prague, Prague, Czech Republic

11:45–12:10 – Invited Lecture 5

Polymer/Phthalocyanine Heterojunction Devices for Gas Sensing

Marcel Bouvet

Institut de Chimie Moléculaire de l'Université de Bourgogne (ICMUB), Université de Bourgogne, Dijon, France

12:10–12:25 - Oral Communication 12

Covalently Functionalized Graphene Derivatives For Energy Storage And Sensing Applications

Veronika Šedajová

Department of Chemistry, University of Cambridge, Cambridge, United Kingdom

12:25–12:40 - Oral Communication 13

Review of Polycrystalline Synthesis of Bi₂O₂Se

Jan Zich

Department of General and Inorganic Chemistry, University of Pardubice, Pardubice, Czech Republic

12:40–12:55 - Oral Communication 14

Synthesis of Nickel and Nickel Oxide and their Use in the Modified Fischer-Tropsch Reaction

Arkadii Bikbashev

Department of Physical Chemistry, Palacky University Olomouc, Olomouc, Czech Republic

12:55–14:00 - Lunch

Chair - Marcel Bouvet

14:00–14:25 – Invited Lecture 6

Synthesis and Applications of Planar Chiral [2.2]Paracyclophanes

Erica Benedetti

*Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, Université Paris Cité,
Paris, France*

14:25–14:40 - Oral Communication 15

Silver Borophosphate Glasses Modified with Tungsten and Molybdenum Trioxide

Tomáš Hostinský

*Department of General and Inorganic Chemistry, University of Pardubice, Pardubice, Czech
Republic*

14:40–14:55 - Oral Communication 16

Photosensitive Liquid Crystals Applicable in Gas Sensors

Barbora Jansová

*Department of Organic Chemistry, University of Chemistry and Technology Prague, Prague,
Czech Republic*

14:55–15:10 - Oral Communication 17

Chemical Functionalization Of Flax Fibers For Biocomposites Applications

Hubert Chapuis

Université de Lorraine, Vandoeuvre-lès-Nancy, France

15:10–15:25 - Oral Communication 18

**New Diffusive Gradients in Thin-films Samplers for Monitoring Uranium Levels in Surface
Water**

Michel Meyer

*Institut de Chimie Moléculaire de l'Université de Bourgogne (ICMUB), Université de
Bourgogne, Dijon, France*

15:25–15:50 – Invited Lecture 7

Advances in Ambient Ionization Techniques: LAESI/LAAPCI in Multimodal Analysis

Barbora Papoušková

*Department of Analytical Chemistry, Palacký University Olomouc, Olomouc 77146, Czech
Republic*

15:50–16:20 - Coffee Break

Chair - Erica Benedetti

16:20–16:45 – Invited Lecture 8

Synthesis of Cytochalasan Analogues as Potential Migrastatics

Pavla Perlíková

*Department of Organic Chemistry, University of Chemistry and Technology Prague, Prague,
Czech Republic*

16:45–17:30 - Plenary Lecture 6

Copper-Chemistry in Biology and Medicine

Peter Faller

Institut de Chimie, University Strasbourg and CNRS, Strasbourg, France

17:30–18:00 - Closing ceremony

Fort Science, 17. listopadu 7, Olomouc

from 19:00 - Social dinner

Konvikt restaurant, Univerzitní 3, Olomouc

Posters

Poster 1

Synthesis of half-sandwich Ir(III) complexes demonstrating CO₂-responsive NADH oxidation

Pawel Jewula

Department of Inorganic Chemistry, Palacký University Olomouc, Olomouc, Czech Republic

Poster 2

Structural Modifications of Hit Pioneer Tantalum Half-Sandwich Complex

Radka Křikavová

Department of Inorganic Chemistry, Palacký University Olomouc, Olomouc, Czech Republic

Poster 3

Bio-mimetic synthesis of biologically active nano-cobalt oxide anchored zinc oxide nanorods

O. S. Karvekar

Department of Physical Chemistry, Palacký University Olomouc, Olomouc, Czech Republic

Poster 4

Silver(I), Zinc(II) and Indium(III) complexes with five-membered heterocyclic ligands

Martin Šimčák

Department of Inorganic Chemistry, P.J. Šafárik University, Košice, Slovakia

Poster 5

In Search of New Photoactive Cu(I) Complexes

Adam Sztula

Department of Inorganic Chemistry, Palacký University Olomouc, Olomouc, Czech Republic

Poster 6

Modification of the terminal functionality of desferrioxamine B for the synthesis of new Zr⁴⁺ chelators for applications in PET imaging

Laurie Zujew

Institut de Chimie de Strasbourg, Université de Strasbourg, Strasbourg, France

Poster 7

Using Rigid Aromatic Building Blocks For Photocatalytic Reductions

Killiann Heinz

Department of Organic Chemistry, University of Chemistry and Technology, Prague, Czech Republic

Poster 8

Organoplatinum-Bridged Cyclotribenzylene Dimers

Jean-Claude Chambron

Institut de Chimie de Strasbourg, Université de Strasbourg, Strasbourg, France

Poster 9

Dioxahelicenes: Their Synthesis and Properties

Aurore Malo

Université Toulouse, Toulouse, France