

Programme

Thursday, August 27, 2015

8:00 – 9:00 Registration

9:00 – 9:15 Welcome

Morning Session

9:15 – 10:00 **PL1** **Alexandre Martinez** (*Aix-Marseille University, Marseille*)
New aspect of the chemistry of hemicryptophane: from molecular recognition to supramolecular catalysis

10:00 – 10:15 **OC1** **Irena G. Stará** (*IOCB AS CR, Prague*)
Global mirror-symmetry breaking: chemical control over an enantiofacial adsorption of non-chiral molecules on a non-chiral metal

10:15 – 10:30 **OC2** **Ullrich Jahn** (*IOCB AS CR, Prague*)
Branched alkyl aryl sulfones and alkyl diaryl phosphine oxides – unusual reactivity leads to new applications

10:30 – 11:00 *Coffee Break*

11:00 – 11:45 **PL2** **Filip Bureš** (*University of Pardubice, Pardubice*)
Heterocyclic moieties in push-pull molecules: design, synthesis and property tuning

11:45 – 12:00 **OC3** **Petr Slavík** (*University of Chemistry and Technology, Prague*)
Intramolecular bridged calix[4]arenes as receptors for neutral compounds

12:00 – 12:15 **OC4** **Eva Schütznerová** (*Palacky University, Olomouc*)
N-oxide as an intramolecular oxidant in Baeyer-Villiger oxidation: Solid-phase synthesis of 2-alkyl-2*H*-indazol-3-yl benzoates

12:15 – 12:30 **OC5** **Ivan Němec** (*Palacky University, Olomouc*)
Magnetic anisotropy in pentacoordinate Ni(II) and Co(II) compounds

12:30 – 14:00 *Lunch*

Afternoon Session

14:00 – 14:45 **PL3** **Eric Doris** (*CEA Saclay, Paris-Saclay*)
Nanometric micelles for in vivo drug delivery and imaging

14:45 – 15:00 **OC6** **Jiří Pinkas** (*Masaryk University, Brno*)
Achieving mesoporosity in silico- and metallophosphates by non-hydrolytic templated sol-gel synthesis

15:00 – 15:15 **OC7** **Nikolay Vologdin** (*Pierre and Marie Curie University, Paris*)
Hybrid beta-lactoglobulin / prochiral palladium(II) pincer complexes systems: a new sight on artificial metalloenzymes design

15:15 – 16:00 **PL4** **Petr Cígler** (*IOCB AS CR, Prague*)
Fluorescent nanodiamonds: the view from chemistry and physics sides

16:00 – 16:30 *Coffee Break*

16:30 – 17:15 **PL5** **Josef Hamáček** (*University of Orleans, Orleans*)
Polynuclear lanthanide assemblies as precursors for luminescent bioprobes

17:15 – 18:00 **PL6** **Serge Thorimbert** (*Pierre and Marie Curie University, Paris*)
Preparation and reactivity of original aromatic heterocycles

18:00 – 20:00 *Poster Session & Conference Party*

Programme

Friday, August 28, 2015

Morning Session

9:15 – 10:00 **PL7** **Petr Hermann** (*Charles University, Prague*)
Complexes of macrocyclic ligands with phosphorus acid pendant arms as MRI contrast agents

10:00 – 10:15 **OC8** **Bohuslav Drahoš** (*Palacky University, Olomouc*)
Bis(2-pyridylmethyl) cross-bridged cyclam – synthesis, characterization and its complexes with selected transition metals

10:15 – 10:30 **OC9** **Pavel Štarha** (*Palacky University, Olomouc*)
Pharmacological perspective of anticancer active platinum(II) complexes containing 7-azaindole-based N-donor ligands

10:30 – 11:00 *Coffee Break*

11:00 – 11:45 **PL8** **Olga Iranzo** (*Aix-Marseille University, Marseille*)
Tailor-made peptidic scaffolds: from biomimetic to bioinspired functionalities

11:45 – 12:30 **PL9** **Jana Hodačová** (*University of Chemistry and Technology, Prague*)
A phosphate diester cleavage by artificial metalloenzymes models

12:30 – 14:00 *Lunch*

Afternoon Session

14:00 – 14:45 **PL10** **Philippe C. Gros** (*University of Lorraine, Nancy*)
From Ruthenium to Iron Complexes: The Challenging Tuning of Photophysical Properties

14:45 – 15:00 **OC10** **Jiří Kozelka** (*Paris Descartes University, Paris*)
Agostic and hydrogen-bonding X-H---M interactions involving a d⁸ metal center: Recent advances towards their understanding

15:00 – 15:15 **OC11** **Gaëtan L.A. Mislin** (*University of Strasbourg, Illkirch-Graffenstaden*)
Synthesis of siderophore-antibiotic “Trojan horse” conjugates against pathogenic bacteria

15:15 – 16:00 **PL11** **Kamil Paruch** (*Masaryk University, Brno*)
Discovery of new protein kinase inhibitors with the furo[3,2-*b*]pyridine core

16:00 – 16:30 *Coffee Break*

16:30 – 16:45 **OC12** **Tynchtyk Amatov** (*IOCB AS CR, Prague*)
A radical approach to Asperparaline C

16:45 – 17:00 **PL12** **Viktor Kanický** (*Masaryk University, Brno*)
Laser-assisted plasma spectrometry in the Laboratory of Atomic Spectrochemistry of the Department of Chemistry, MU

17:00 *Closing Remarks*