

# DETAILED SCIENTIFIC PROGRAMME

## Sunday, June 30, 2019

16:00–19:30 Registration

18:00–20:00 Welcome Party

## Monday, July 1, 2019

08:30–09:00 Opening

Kotěra  
Hall A**Chairperson:** PL01 & KL01 (9:00–10:30, Kotěra Hall A) – Aleš Růžička & Petr Štěpnička09:00–09:50 **PL01**STABLE CARBENES, PHOSPHINIDENES AND BORYLENES  
**Guy Bertrand** (La Jolla, USA)Kotěra  
Hall A09:50–10:30 **KL01**EFFICIENT CATALYTIC SYSTEMS FOR CARBON-  
HETEROATOM AND CARBON-CARBON BONDS  
FORMATION  
**Valentine Ananikov** (Moscow, Russian Federation)Kotěra  
Hall A

10:30–11:00 Coffee Break

**Chairperson:** OC1A–OC3A & IL1A (11:00–12:30, Kotěra Hall A) – Matthias Driess  
OC1B–OC3B & IL1B (11:00–12:30, Gočár Hall B) – Peter Portius  
OC1C–OC3C & IL1C (11:00–12:30, Janák Hall C) – Libor Dostál11:00–11:20 **OC1A**SYNTHESIS AND REACTIVITY OF NEUTRAL  $\eta^5$ -BOROLE  
COMPLEXES OF GERMANIUM(II)  
**Lena Albers** (Oldenburg, Germany)Kotěra  
Hall A11:00–11:20 **OC1B**N-HETEROCYCLIC CARBENE STABILISED  
FLUOROBORANES FOR <sup>18</sup>F-PET IMAGING: CATALYST-FREE  
LABELLING AND WATER STABILITY  
**Anna Booth** (Oxford, UK)Gočár  
Hall B11:00–11:20 **OC1C**VERSATILE COORDINATION CHEMISTRY OF THE  
PHOSPHONOFORMIATE ANION  
**Konstantin Karaghiosoff** (Munich, Germany)Janák  
Hall C11:20–11:40 **OC2A**LEWIS ACID-MEDIATED BORYLENE DIMERIZATION: A  
COMPLEX MECHANISM FOR A SEEMINGLY SIMPLE  
REACTION**Merle Arrowsmith** (Würzburg, Germany)Kotěra  
Hall A11:20–11:40 **OC2B**SILICON/BORON EXCHANGE ROUTES TO CONJUGATED  
ORGANOBORON POLYMERS AND MOLECULAR  
MATERIALS**Holger Helten** (Wuerzburg, Germany)Gočár  
Hall B11:20–11:40 **OC2C**ORGANOMETALLIC COMPLEXES WITH 7-AZAINDOLES:  
DENTACITY VS STABILITY AND CYTOTOXICITY  
**Pavel Štarha** (Olomouc, Czech Republic)Janák  
Hall C11:40–12:00 **OC3A**ALUMINIUM HALIDES, METHYLS AND HYDRIDES  
STABILISED BY MIXED N,P-DONOR LIGANDS  
**Rosalyn Falconer** (Edinburgh, UK)Kotěra  
Hall A11:40–12:00 **OC3B**REACTIVITY STUDIES OF BORON CONTAINING RADICALS  
**Ching-Wen Chiu** (Taipei, Taiwan)Gočár  
Hall B11:40–12:00 **OC3C**RIGID BINUCLEAR DOTA-LIKE DITOPIC LANTHANIDE  
COMPLEXES: ISOMERISM, LUMINESCENCE AND  
RELAXOMETRIC PROPERTIES  
**Peter Urbanovsky** (Prague, Czech Republic)Janák  
Hall C12:00–12:30 **IL1A**TURNING ALUMINIUM CHEMISTRY ON ITS HEAD: MAKING  
AND BREAKING C-C BONDS WITH AN ALUMINYL  
NUCLEOPHILE  
**Simon Aldridge** (Oxford, UK)Kotěra  
Hall A12:00–12:30 **IL1B**CO<sub>2</sub> FIXATION AND CATALYTIC REDUCTION BY A  
NEUTRAL ALUMINIUM DOUBLE BOND  
**Catherine Weetman** (Munich, Germany)Gočár  
Hall B12:00–12:30 **IL1C**TOWARDS WELL-DEFINED ZINC ALKYLPEROXIDES AND  
ALKOXIDES: CHARACTERIZATION AND POTENTIAL  
APPLICATION  
**Janusz Lewiński** (Warsaw, Poland)Janák  
Hall C

12:30–14:00	Lunch	
<b>Chairperson:</b>	IL2A & OC4A–OC6A (14:00–15:30, Kotěra Hall A) – Rainer Streubel IL2B & OC4B–OC6B (14:00–15:30, Gočár Hall B) – Evamarie Hey-Hawkins IL2C & OC4C–OC6C (14:00–15:30, Janák Hall C) – Shigeyoshi Inoue	
14:00–14:30	<b>IL2A</b> THE REACTION OF DITETRELENES WITH ORGANIC MAIN GROUP OXIDES <b>Kim Baines</b> (London, Canada)	Kotěra Hall A
14:00–14:30	<b>IL2B</b> ADVANCED METHODOLOGIES IN <i>s</i> -ARYLTETRAZINES FUNCTIONALIZATION VIA Pd- and Cu-CATALYSIS: FAST FLUORINATION, POLYHALOGENATION and MORE... <b>Jean-Cyrille Hierso</b> (Dijon, France)	Gočár Hall B
14:00–14:30	<b>IL2C</b> LEWIS BASE STABILIZATION OF MAIN-GROUP ELEMENT DERIVATIZED INORGANIC RINGS <b>Robert Gilliard</b> (Charlottesville, USA)	Janák Hall C
14:30–14:50	<b>OC4A</b> UNPRECEDENTED REACTIVITY OF AMIDO-SUBSTITUTED SILICON RING COMPOUNDS <b>Felicitas Lips</b> (Muenster, Germany)	Kotěra Hall A
14:30–14:50	<b>OC4B</b> LIGAND-STABILIZED PHOSPHINIDENE COMPLEXES. THEORETICAL STUDY WITH HALIDE AND O-DONORS <b>Arturo Espinosa Ferao</b> (Murcia, Spain)	Gočár Hall B
14:30–14:50	<b>OC4C</b> ELECTROCATALYSTS FOR H <sub>2</sub> GENERATION FROM NEUTRAL WATER <b>Richard Glass</b> (Tucson, USA)	Janák Hall C
14:50–15:10	<b>OC5A</b> ENANTIOSELECTIVE CONSTRUCTION OF TETRACYCLIC SPIROINDOLINES <b>Yong Tang</b> (Shanghai, China)	Kotěra Hall A
14:50–15:10	<b>OC5B</b> REACTIVITY OF THE 2-PHOSPHAETHYNOLATE ANION: A PATHWAY TO PHOSPHINECARBOXAMIDES <b>Erica Faria</b> (Oxford, UK)	Gočár Hall B

14:50–15:10	<b>OC5C</b> HALOGEN COMPLEXES OF ANIONIC N-HETEROCYCLIC CARBENES <b>Jenni Frosch</b> (Braunschweig, Germany)	Janák Hall C
15:10–15:30	<b>OC6A</b> GEOMETRICAL CONSTRAINT IN CALIX(4)PYRROLE COMPLEXES OF SILICON(IV) AND ALUMINIUM(III) – STRIKING FEATURES AND REACTIVITIES <b>Lutz Greb</b> (Heidelberg, Germany)	Kotěra Hall A
15:10–15:30	<b>OC6B</b> THE CHEMISTRY OF PHOSPHINIDENE-IMIDAZOLYLIDENES – SEEN FROM A DIFFERENT ANGLE <b>Dietrich Gudat</b> (Stuttgart, Germany)	Gočár Hall B
15:10–15:30	<b>OC6C</b> SYNTHESIS OF TETRASUBSTITUTED NAPHTHOQUINOLIZINIUM SALTS <b>Jan Ulč</b> (Prague, Czech Republic)	Janák Hall C
15:30–16:00	Coffee Break	
<b>Chairperson:</b>	IL3A, OC7A & KL02 (16:00–17:30, Kotěra Hall A) – Kim Baines IL3B & OC7B (16:00–16:50, Gočár Hall B) – Cameron Jones IL3C & OC7C (16:00–16:50, Janák Hall C) – Jean-Cyrille Hierso	
16:00–16:30	<b>IL3A</b> THE RISE OF SILYLENES IN HOMOGENEOUS CATALYSIS <b>Matthias Driess</b> (Berlin, Germany)	Kotěra Hall A
16:00–16:30	<b>IL3B</b> CHEMISTRY OF TRICYCLIC 1,4-DIPHOSPHININES AND P-FUNCTIONAL BIS-N-HETEROCYCLIC CARBENES <b>Rainer Streubel</b> (Bonn, Germany)	Gočár Hall B
16:00–16:30	<b>IL3C</b> INTER AND INTRAMOLECULAR “INVERSE” FRUSTRATED LEWIS PAIRS – CATALYSIS AND SMALL MOLECULE ACTIVATION <b>Clemens Krempner</b> (Lubbock, USA)	Janák Hall C
16:30–16:50	<b>OC7A</b> RING EXPANSION REACTIONS OF AN NHC-COORDINATED TRISILACYCLOPROPYLIDENE WITH C-X TRIPLE BONDS (X = C, N, P) <b>Benedikt Guddorf</b> (Muenster, Germany)	Kotěra Hall A

16:30–16:50	<b>OC7B</b> ABNORMAL REACTIONS OF N-HETEROCYCLIC CARBENES WITH PHOSPHAALKENES <b>Zeyu Han</b> (Vancouver, Canada)	Gočár Hall B
16:30–16:50	<b>OC7C</b> SELECTIVITY SWITCH IN A RHODIUM (II) CARBENE TRIGGERED CYCLOPENTANNULATION: DIVERGENT ACCESS TO THREE POLYCYCLIC INDOLINES <b>Lijia Wang</b> (Shanghai, China)	Janák Hall C
16:50–17:30	<b>KL02</b> CAN PHOSPHORUS MAKE A POLYMER “SMART”? <b>Derek Gates</b> (Vancouver, Canada)	Kotěra Hall A
17:40–19:30	Poster Session (odd numbers)	



## Tuesday, July 2, 2019

**Chairperson:** PL02 & KL03 (9:00–10:30, Kotěra Hall A) – Jan Čermák

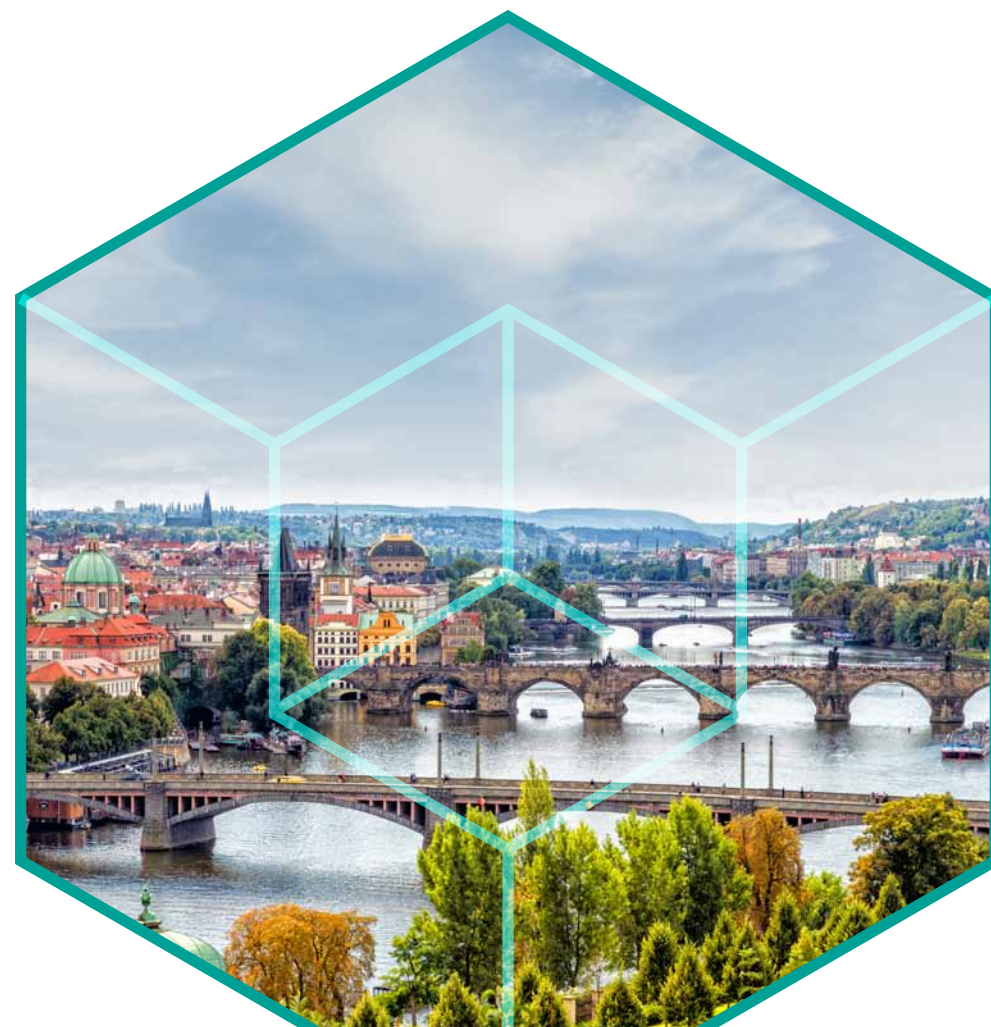
09:00–09:50	<b>PL02</b> ISOMERISM OF BORON HETEROCYCLES <b>Suning Wang</b> (Kingston, Cape Verde)	Kotěra Hall A
09:50–10:30	<b>KL03</b> SUBSTRATE ACTIVATION WITH COMPLEXES BEARING PROTIC N-HETEROCYCLIC OR MESOIONIC CARBENES <b>Ekkehardt Hahn</b> (Münster, Germany)	Kotěra Hall A
10:30–11:00	Coffee Break	
	<b>Chairperson:</b> OC8A–OC10A & IL4A (11:00–12:30, Kotěra Hall A) – Jens Beckmann OC8B–OC10B & IL4B (11:00–12:30, Gočár Hall B) – Frank Uhlig OC8C–OC10C & IL4C (11:00–12:30, Janák Hall C) – Yann Sarazin	
11:00–11:20	<b>OC8A</b> ELECTROCHEMICAL PROPERTIES OF A SERIES OF SUBSTITUTED ARYL SULFUR DIIMIDES, HIGHLY TUNABLE REDOX NON-INNOCENT LIGANDS <b>Nathan Hill</b> (Lethbridge, Canada)	Kotěra Hall A
11:00–11:20	<b>OC8B</b> CARBOBORATION OF ISOCYANATES WITH TRIS(PENTAFLUOROPHENYL)BORANE AND EVIDENCE FOR DISSOCIATIVE FLP CHEMISTRY OF AN ACID–BASE PAIR <b>Meera Mehta</b> (Oxford, UK)	Gočár Hall B
11:00–11:20	<b>OC8C</b> N-HETEROCYCLIC OLEFIN LIGATED PALLADIUM(II) COMPLEXES AS PRE-CATALYSTS FOR BUCHWALD-HARTWIG AMINATIONS <b>Ian Watson</b> (Edmonton, Canada)	Janák Hall C
11:20–11:40	<b>OC9A</b> REVERSIBLE HOMOLYTIC ACTIVATION OF WATER VIA METAL-LIGAND COOPERATIVITY IN A T-SHAPED NI(II) COMPLEX <b>Mu-Chieh Chang</b> (Taipei, Taiwan)	Kotěra Hall A
11:20–11:40	<b>OC9B</b> INTRAMOLECULAR HYDROGEN BONDING IN TRANSITION METAL BIS(DICARBOLLIDE) COMPLEXES AND ITS ROLE IN DESIGN OF MOLECULAR SWITCHES <b>Igor Sivaev</b> (Moscow, Russian Federation)	Gočár Hall B

11:20–11:40	<b>OC9C</b> THE CHIRAL SPIRO AMINOPHOSPHINES AND APPLICATION IN Ni-CATALYZED ASYMMETRIC HYDROARYLATION OF ALKENES WITH ORGANOBORONIC ACIDS <b>Qi-Lin Zhou</b> (Tianjin, China)	Janák Hall C
11:40–12:00	<b>OC10A</b> SYNTHETIC RESEARCH OF TIN CONTAINING SEVEN-MEMBERED RING ANTIAROMATIC COMPOUND <b>Shotaro Ito</b> (Tokyo, Japan)	Kotěra Hall A
11:40–12:00	<b>OC10B</b> COUPLING OF BORONIC ACIDS WITH TRIOLS: A NEW REVERSIBLE AND CONTROLLABLE "CLICK-DECLICK" REACTION <b>Alexey Sukhorukov</b> (Moscow, Russian Federation)	Gočár Hall B
11:40–12:00	<b>OC10C</b> CLICKING THE ARSENIC–CARBON TRIPLE BOND: AN ENTRY INTO A NEW CLASS OF ARSENIC HETEROCYCLES <b>Daniel Sebastian Frost</b> (Berlin, Germany)	Janák Hall C
12:00–12:30	<b>IL4A</b> DIALUMENES AND DISILENES IN BOND ACTIVATIONS <b>Shigeyoshi Inoue</b> (Garching bei München, Germany)	Kotěra Hall A
12:00–12:30	<b>IL4B</b> PERI-BRIDGED PHOSPHINO-NAPHTHALENES: P–C COUPLING / ACTIVATION MEDIATED BY COINAGE METALS <b>Didier Bourissou</b> (Toulouse, France)	Gočár Hall B
12:00–12:30	<b>IL4C</b> ENANTIOSELECTIVE SYNTHESIS OF DIVERSE HETEROCYCLES BY CHIRAL N,N'-DIOXIDE-METAL COMPLEXES CATALYSIS <b>Xiaoming Feng</b> (Chengdu, China)	Janák Hall C
12:30–14:00	Lunch	

<b>Chairperson:</b> IL5A & OC11A–OC13A (14:00–15:30, Kotěra Hall A) – Takeshi Akasaka IL5B & OC11B–OC13B (14:00–15:30, Gočár Hall B) – Didier Bourissou IL5C & OC11C–OC13C (14:00–15:30, Janák Hall C) – Chunming Cui		
14:00–14:30	<b>IL5A</b> HYPERVALENT IODINE-MEDIATED FLUORINATION OF ALKYNES. SYNTHESIS OF 2-FLUOROVINYL IODONIUM SALTS <b>Tsugio Kitamura</b> (Saga, Japan)	Kotěra Hall A
14:00–14:30	<b>IL5B</b> HIGHLY ACTIVATED MAGNESIUM(I) COMPOUNDS: POWERFUL REAGENTS FOR SMALL MOLECULE ACTIVATIONS AND ORGANOMETALLIC SYNTHESIS <b>Cameron Jones</b> (Clayton, Australia)	Gočár Hall B
14:00–14:30	<b>IL5C</b> LOW-COORDINATE ALKALINE EARTH DEHYDROGENATIVE CATALYSTS FOR B–O–SI AND Si–N BOND FORMATIONS <b>Yann Sarazin</b> (Rennes, France)	Janák Hall C
14:30–14:50	<b>OC11A</b> FROM N-HETEROCYCLIC IMINE TO N-HETEROCYCLIC BORYLOXY DERIVED MAIN GROUP SPECIES <b>Ying Kai Loh</b> (Oxford, UK)	Kotěra Hall A
14:30–14:50	<b>OC11B</b> MUON SPIN SPECTROSCOPY FOR CHEMISTRY OF THE P-HETEROCYCLIC SINGLET BIRADICALS <b>Shigekazu Ito</b> (Tokyo, Japan)	Gočár Hall B
14:30–14:50	<b>OC11C</b> NEW FAMILY OF SILYLENE AND GERMYLENE IRON COMPLEXES: FROM DIVERSITY TO COMPARATIVE STRUCTURAL STUDY <b>María Frutos</b> (Toulouse, France)	Janák Hall C
14:50–15:10	<b>OC12A</b> LOW-VALENT GERMANIUM IN CATALYSIS AND ENERGY APPLICATIONS <b>Moumita Majumdar</b> (Pune, India)	Kotěra Hall A
14:50–15:10	<b>OC12B</b> SYNTHESIS, STRUCTURES AND FLUORESCENCE PROPERTIES OF PHOSPHAPHENALENIUM SALTS <b>Takuya Kuwabara</b> (Tokyo, Japan)	Gočár Hall B

14:50–15:10	<b>OC12C</b> LUMINESCENT CATIONIC GROUP 4 METAL COMPLEXES WITH HETEROAROMATIC LIGANDS <b>Martin Lamač</b> (Prague, Czech Republic)	Janák Hall C
15:10–15:30	<b>OC13A</b> THE REACTION OF HEAVY PHENYL ANIONS WITH CHALCOGEN SOURCE <b>Yoshiyuki Mizuhata</b> (Uji, Kyoto, Japan)	Kotěra Hall A
15:10–15:30	<b>OC13B</b> PHOSPHANYL PHOSPHAKETENES AS BUILDING BLOCKS FOR FUNCTIONAL ORGANOPHOSPHORUS COMPOUNDS <b>Zhonghsu Li</b> (Guangzhou, China)	Gočár Hall B
15:10–15:30	<b>OC13C</b> MULTINUCLEAR COPPER(I) COMPLEXES OF (PICOLYL) PHOSPHINES <b>Sarah Linert</b> (Munich, Germany)	Janák Hall C
15:30–16:00	Coffee Break	
<b>Chairperson:</b> IL6A, OC14A & KL04 (16:00–17:30, Kotěra Hall A) – Jan Veselý IL6B & OC14B (16:00–16:50, Gočár Hall B) – Jiří Schulz IL6C & OC14C (16:00–16:50, Janák Hall C) – Petr Hermann		
16:00–16:30	<b>IL6A</b> CYCLOBUTADIENE COMPLEXES OF THE S-, P-, AND D-BLOCK ELEMENTS <b>Vladimir Lee</b> (Tsukuba, Japan)	Kotěra Hall A
16:00–16:30	<b>IL6B</b> A VERSATILE SYNTHETIC APPROACH TO P-STEREOGENIC PHOSPHOLES <b>Rudolf Pietschnig</b> (Kassel, Germany)	Gočár Hall B
16:00–16:30	<b>IL6C</b> NCN PINCER PALLADIUM COMPLEXES: THEIR PREPARATION AND REACTING PROPERTIES <b>Yasuhiro Uozumi</b> (Okazaki, Japan)	Janák Hall C
16:30–16:50	<b>OC14A</b> REACTIVITY OF NHC-STABILIZED SILYLIUMYLIDENE IONS TOWARDS GROUP 13 COMPOUNDS <b>Amelie Porzelt</b> (Garching bei München, Germany)	Kotěra Hall A
16:30–16:50	<b>OC14B</b> 2-PHOSPHANAPHTHALENES FOR METAL COMPLEXES AND POLYMERS <b>Yanbo Mei</b> (Zurich, Switzerland)	Gočár Hall B

16:30–16:50	<b>OC14C</b> (PSEUDO)LINEAR LOW-COORDINATE IRON AND COBALT “POGO STICK” COMPLEXES <b>Marius Peters</b> (Braunschweig, Germany)	Janák Hall C
16:50–17:30	<b>KL04</b> PHOSPHORUS MEETS CARBORANE <b>Evamarie Hey-Hawkins</b> (Leipzig, Germany)	Kotěra Hall A
17:40–19:30	Poster Session (even numbers)	



## Wednesday, July 3, 2019

**Chairperson:** PL03 & KL05 (9:00–10:30, Kotěra Hall A) – Radek Cibulka

09:00–09:50 **PL03** Kotěra Hall A  
NEW REACTIONS WITH STRONGLY ELECTROPHILIC BORANES  
**Gerhard Erker** (Münster, Germany)

09:50–10:30 **KL05** Kotěra Hall A  
PLAY TIME: A SOLID ELASTOMER WITH LIQUID COMPARTMENTS  
**Anne L. Skov** (Kongens Lyngby, Denmark)

10:30–11:00 Coffee Break

**Chairperson:** OC15A–OC17A (11:00–12:00, Kotěra Hall A) – Christian Müller  
OC15B–OC17B (11:00–12:00, Gočár Hall B) – Richard Glass  
OC15C–OC17C (11:00–12:00, Janák Hall C) – John Protasiewicz

11:00–11:20 **OC15A** Kotěra Hall A  
CATALYTIC ACTIVE ORGANOTIN COMPOUNDS WITH ANCHOR GROUPS  
**Frank Uhlig** (Graz, Austria)

11:00–11:20 **OC15B** Gočár Hall B  
3-PHOSPHONOCOUMARINS – REACTIONS OF WITH NUCLEOPHILIC REAGENTS  
**Nevena Petkova-Yankova** (Sofia, Bulgaria)

11:00–11:20 **OC15C** Janák Hall C  
SYNTHESIS, STRUCTURE, AND REACTIVITY OF PENTAFLUORO(ARYL)- $\lambda^6$ -TELLANES  
**Dustin Bornemann** (Zürich, Switzerland)

11:20–11:40 **OC16A** Kotěra Hall A  
HETEROCYCLES WITH ELEMENTS OF GROUPS 13-15  
**Herbert Roesky** (Göttingen, Germany)

11:20–11:40 **OC16B** Gočár Hall B  
NEW PHOSPHORUS-CHALCOGEN CATIONS  
**Maximilian Poller** (Munich, Germany)

11:20–11:40 **OC16C** Janák Hall C  
ACTIVATION OF B-H BOND IN CARBA-CLOSO-DODECABORATE(–) ANION VIA INTRAMOLECULARLY N-COORDINATED ORGANOTELLURIUM(II) CATION  
**Martin Hejda** (Pardubice, Czech Republic)

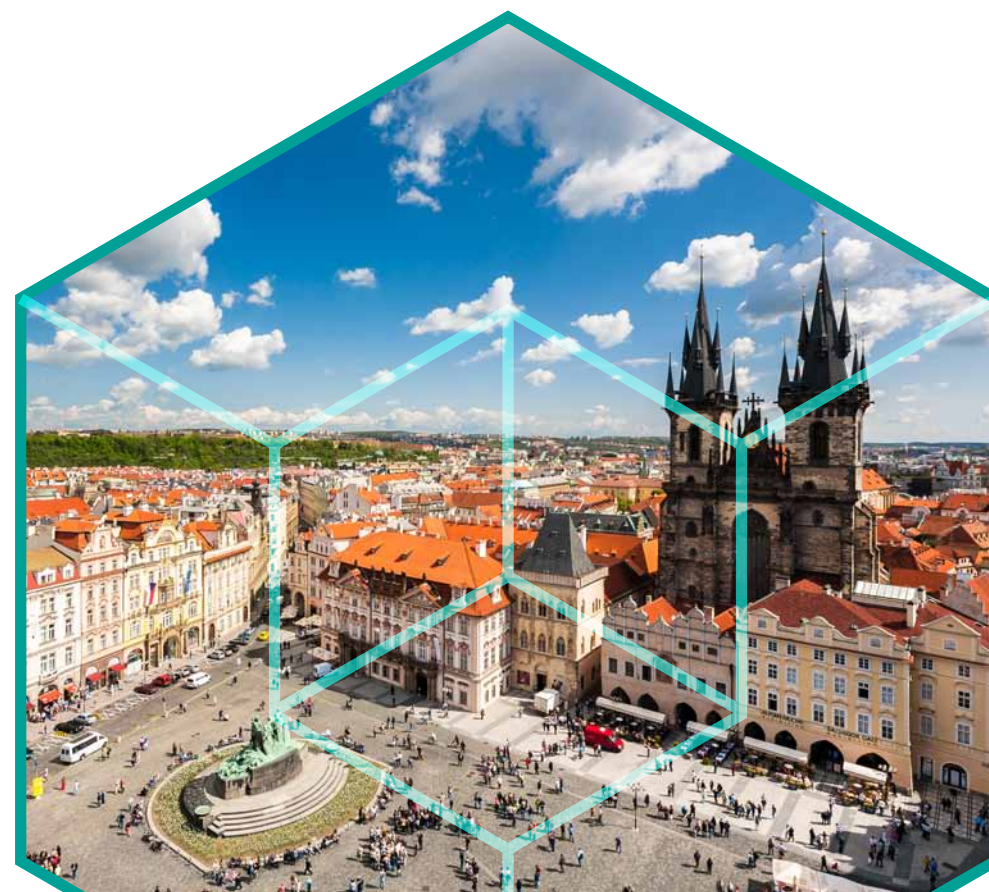
11:40–12:00 **OC17A** Kotěra Hall A  
HYPERCOORDINATED STIBINYL DICATIONS  $(12\text{-Sb-6})^{2+}$  STABILIZED BY INTRAMOLECULAR COORDINATION  
**Masato Sakabe** (Hachioji, Japan)

11:40–12:00 **OC17B** Gočár Hall B  
PHOSPHINE CARBOXYLATE – A WATER SENSITIVE COMPOUND PREPARED IN AQUEOUS SOLUTION  
**Roy Schreiber** (Oxford, UK)

11:40–12:00 **OC17C** Janák Hall C  
A NEW MACROCYCLIC COMPOUND, DELTAARENES: PREPARATION AND DERIVATIZATION  
**Akio Kamimura** (Ube, Japan)

12:00–13:00 Lunch

13:00 Kost Castle Excursion



## Thursday, July 4, 2019

**Chairperson:** PL04 & KL06 (9:00–10:30, Kotěra Hall A) – Michal Horáček

09:00–09:50	<b>PL04</b> MOLECULAR METAL WIRES FROM HOMONUCLEAR METAL STRING COMPLEXES TO HETERONUCLEAR METAL STRING COMPLEXES <b>Shie-Ming Peng</b> (Taipei, Taiwan)	Kotěra Hall A
09:50–10:30	<b>KL06</b> N-HETEROCYCLIC CARBENE-PHOSPHINIDYNE AND CARBENE-ARSINIDYNE COMPLEXES <b>Matthias Tamm</b> (Braunschweig, Germany)	Kotěra Hall A
10:30–11:00	Coffee Break	
	<b>Chairperson:</b> OC18A–OC20A & IL7A (11:00–12:30, Kotěra Hall A) – Martin Kotora OC18B–OC20B & IL7B (11:00–12:30, Gočár Hall B) – Suning Wang OC18C–OC20C & IL7C (11:00–12:30, Janák Hall C) – Werner Uhl	
11:00–11:20	<b>OC18A</b> SYNTHESIS AND PROPERTIES OF A 2,5-DIGERMASELENOPHENE <b>Takahiro Sasamori</b> (Nagoya, Aichi, Japan)	Kotěra Hall A
11:00–11:20	<b>OC18B</b> NICKEL/IRIDIUM-COCATALYZED PHOTOREDOX COUPLING USING RECYCLABLE BORACENE <b>Yuto Sumida</b> (Kobe, Japan)	Gočár Hall B
11:00–11:20	<b>OC18C</b> POLYTELLUROPHENES FOR OPTOELECTRONIC APPLICATIONS: STUDY OF OLIGOMERS AND THE FIRST POLY(3-ARYLTELLEUROPHENE) <b>Bruno Luppi</b> (Edmonton, Canada)	Janák Hall C
11:20–11:40	<b>OC19A</b> LOW TEMPERATURE DEPOSITION OF GERMANIUM VIA N-HETEROCYCLIC CARBENE STABILIZED GERMYLENES <b>Jocelyn Sinclair</b> (Edmonton, Canada)	Kotěra Hall A
11:20–11:40	<b>OC19B</b> IMPACT OF NON-COVALENT INTERACTIONS ON THE CRYSTAL STRUCTURE OF THIABORANES <b>Jan Vrána</b> (Pardubice, Czech Republic)	Gočár Hall B

11:20–11:40	<b>OC19C</b> A MILD AND GENERAL APPROACH TO OXIDATIVE FLUORINATION OF HETEROATOMS: MAKING THE SF <sub>5</sub> GROUP (AND ITS KIN) ACCESSIBLE <b>Cody Pitts</b> (Zürich, Switzerland)	Janák Hall C
11:40–12:00	<b>OC20A</b> RING-BY-RING KNITTING OF THE HELICALLY FUSED OLIGOSILOLES <b>Oleg Tok</b> (Řež, Czech Republic)	Kotěra Hall A
11:40–12:00	<b>OC20B</b> STRUCTURAL CHARACTERIZATION OF A BORON(III) η <sup>2</sup> -σ-SILANE-COMPLEX <b>Huadong Wang</b> (Shanghai, China)	Gočár Hall B
11:40–12:00	<b>OC20C</b> SYNTHESIS, STRUCTURE, AND PROPERTIES OF STABLE BIS(METHYLENE)-λ <sup>4</sup> -CHALCOGENANES <b>Koh Sugamata</b> (Tokyo, Japan)	Janák Hall C
12:00–12:30	<b>IL7A</b> STABLE N-HETEROCYCLIC CARBENES WITH A FERROCENE-BASED BACKBONE AND THEIR HEAVIER ANALOGUES <b>Ulrich Siemeling</b> (Kassel, Germany)	Kotěra Hall A
12:00–12:30	<b>IL7B</b> LEWIS BASE CATALYSED ISOMERISATION OF A PHOSPHAETHYNOLATO- TO PHOSPHAKETENYLBORANE <b>Daniel Wilson</b> (Oxford, UK)	Gočár Hall B
12:00–12:30	<b>IL7C</b> HOW SULFUR PROMOTES EXALTED PROPERTIES TO SOME AROMATIC ARCHITECTURES <b>Marc Gingras</b> (Marseille, France)	Janák Hall C
12:30–14:00	Lunch	
	<b>Chairperson:</b> IL8A & OC21A–OC23A (14:00–15:30, Kotěra Hall A) – Petr Švec IL8B & OC21B–OC23B (14:00–15:30, Gočár Hall B) – Ivan Němec IL8C & OC21C–OC23C (14:00–15:30, Janák Hall C) – Marc Gingras	
14:00–14:30	<b>IL8A</b> COOPERATIVE REACTIVITY OF Al/N-BASED ACTIVE LEWIS PAIRS: RING OPENING AND RING CLOSURE, C-C AND C-N BOND FORMATION, OLIGOMERISATION REACTIONS <b>Werner Uhl</b> (Münster, Germany)	Kotěra Hall A

14:00–14:30	<b>IL8B</b> IRON, COBALT AND NICKEL COMPLEXES WITH SILYLENE LIGANDS <b>Chunming Cui</b> (Tianjin, China)	Gočár Hall B
14:00–14:30	<b>IL8C</b> NEWS FROM THE CHEMISTRY OF LOW-COORDINATE PHOSPHORUS AND ARSENIC HETEROCYCLES <b>Christian Müller</b> (Berlin, Germany)	Janák Hall C
14:30–14:50	<b>OC21A</b> IMPACT OF STABLE CARBENES ON THE PHOTOPHYSICS OF $\pi$ -CONJUGATED NITROGEN AND PHOSPHORUS COMPOUNDS <b>John Protasiewicz</b> (Cleveland, USA)	Kotěra Hall A
14:30–14:50	<b>OC21B</b> 1,2-BENZOAZAPHOSPHOLES AS TRANSITION METAL SURROGATES <b>Matthew Cain</b> (Honolulu, USA)	Gočár Hall B
14:30–14:50	<b>OC21C</b> SYNTHESIS OF MOLECULAR PHOSPHONATES IN APROTIC SOLVENTS <b>Libor Tanzinger</b> (Brno, Czech Republic)	Janák Hall C
14:50–15:10	<b>OC22A</b> MULTI-COMPONENT REACTION OF ARYNE, AMINES, ALDEHYDES, AND PROTON SOURCE <b>Kentaro Okuma</b> (Fukuoka, Japan)	Kotěra Hall A
14:50–15:10	<b>OC22B</b> GEOMETRICALLY CONSTRAINED PHOSPHENIUM CATIONS <b>Roman Dobrovetsky</b> (Tel Aviv, Israel)	Gočár Hall B
14:50–15:10	<b>OC22C</b> HETEROATOM EFFECTS ON WITTIG REACTIONS OF NON-STABILIZED PHOSPHONIUM YLIDE BEARING A PHOSPHAHETERATRIPTYCENE SKELETON CONTAINING GROUP 14 AND 15 ELEMENTS WITH BENZALDEHYDE <b>Yosuke Uchiyama</b> (Sagamihara, Japan)	Janák Hall C
15:10–15:30	<b>OC23A</b> PANCAKE BONDING IN HETEROATOM CHEMISTRY <b>Rene Boere</b> (Lethbridge, Canada)	Kotěra Hall A

15:10–15:30	<b>OC23B</b> HETEROCYCLIC POLYMERS MODIFIED WITH CROWN ETHER FOR ALKALINE METAL IONS DETECTION <b>Mariana-Dana Damaceanu</b> (Iasi, Romania)	Gočár Hall B
15:10–15:30	<b>OC23C</b> WILLGERODT-TYPE REACTION OF PHOSPHINIC CHLORIDES: FLEXIBLE SYNTHESIS OF PHOSPHORYL-SUBSTITUTED THIOAMIDES, IMIDAZOLINES AND TETRAHYDROPYRIMIDINES <b>Yulia Volkova</b> (Moscow, Russian Federation)	Janák Hall C
15:30–16:00	Coffee Break	
<b>Chairperson:</b> IL9A, OC24A & KL07 (16:00–17:30, Kotěra Hall A) – Ekkehardt Hahn IL9B & OC24B (16:00–16:50, Gočár Hall B) – Simon Aldridge IL9C (16:00–16:30, Janák Hall C) – Ulrich Siemeling		
16:00–16:30	<b>IL9A</b> FROM CHEMICAL CURIOSITIES TO VERSATILE REAGENTS: HEAVY ANALOGUES OF THE CYANATE ION <b>Jose Goicoechea</b> (Oxford, UK)	Kotěra Hall A
16:00–16:30	<b>IL9B</b> SYNTHESIS OF HYPERCOORDINATE HYDRIDO(AZIDO) SILICON COMPLEXES AND THEIR REACTIVITY TOWARD BASES <b>Peter Portius</b> (Sheffield, UK)	Gočár Hall B
16:00–16:30	<b>IL9C</b> DONOR-FREE CARBENE ANALOGUES OF GROUP 15 ELEMENTS <b>Jens Beckmann</b> (Bremen, Germany)	Janák Hall C
16:30–16:50	<b>OC24A</b> FLUOROSILANES: VERSATILE PRECURSORS OF WELL-DEFINED SILSESQUIOXANES <b>Masafumi Unno</b> (Kiryu, Japan)	Kotěra Hall A
16:30–16:50	<b>OC24B</b> CHIRAL ENANTIOMERICALLY STABLE 3D-NANOGRAPHENES EMBEDDING HELICENES UNITS <b>Sapna Gahlot</b> (Marseille, France)	Gočár Hall B
16:50–17:30	<b>KL07</b> SPIRO METALLA-AROMATICS <b>Zhenfeng Xi</b> (Beijing, China)	Kotěra Hall A
19:30	Conference Dinner	



## Friday, July 5, 2019

**Chairperson:** OC25A–OC27A (9:30–10:30, Kotěra Hall A) – Jiří Pinkas

09:00–09:20 **OC25A** Kotěra  
Hall A  
INTERCONVERSIONS OF SELECTED HETEROORGANIC  
COMPOUNDS UNDER FLOW CONDITIONS  
**Józef Drabowicz** (Częstochowa & Lodz, Poland)

09:20–09:50 **OC26A** Kotěra  
Hall A  
BORYL SUBSTITUTION AS A METHOD TO ACCESS  
TELLUROPHENES FOR ADVANCED OPTOELECTRONIC  
APPLICATIONS  
**Chrissy Braun** (Edmonton, Canada)

09:50–10:30 **OC27A** Kotěra  
Hall A  
PHENANTHRO(1,2-B:8,7-B')DITHIOPHENE (PDT):  
APPLICATION TO ORGANIC FIELD-EFFECT TRANSISTORS  
AND ORGANIC PHOTOVOLTAICS  
**Yasushi Nishihara** (Okayama, Japan)

10:30–11:00 Coffee Break

**Chairperson:** KL08 & PL05 (11:00–13:00, Kotěra Hall A) – Aleš Růžička & Petr Štěpnička

11:00–11:40 **KL08** Kotěra  
Hall A  
TRANSITION METAL CATALYZED SELECTIVE B-H  
ACTIVATION AND FUNCTIONALIZATION IN CARBORANES  
**Zuwei Xie** (Hong Kong)

11:40–12:30 **PL05** Kotěra  
Hall A  
NEW DEVELOPMENTS IN THE CHEMISTRY OF HEAVY ARYL  
ANIONS  
**Norihiro Tokitoh** (Kyoto, Japan)

12:30–13:00 **Closing** Kotěra  
Hall A

13:00–14:00 Lunch