

XVII EuCheMS Conference on Organometallic Chemistry

TIMETABLE

Saturday, 1 Sept 2007		Sunday, 2 Sept 2007		Monday, 3 Sept 2007	
9.00-19.30	Registration	8.30-9.00	Opening Ceremony	8.30-9.20	PL 2
		9.00-10.00	OL	9.20-9.40	OP 9
		10.00-10.30	Coffee Break	9.40-10.00	OP 10
		10.30-10.50	OP 1	10.00-10.30	Coffee Break
		10.50-11.10	OP 2	10.30-11.00	IL 4
		11.10-11.30	OP 3	11.00-11.20	OP 11
		11.30-12.00	IL 1	11.20-11.40	OP 12
		12.00-13.30	Lunch	11.40-12.00	OP 13
		13.30-14.20	PL 1	12.00-13.30	Lunch
		14.20-14.50	IL 2	13.30-14.20	PL 3
		14.50-15.10	OP 4	14.20-14.50	IL 5
		15.10-15.40	Coffee Break	14.50-15.10	OP 14
		15.40-16.00	OP 5	15.10-15.40	Coffee Break
		16.00-16.20	OP 6	15.40-19.00	Poster Session
16.20-16.40	OP 7				
16.40-17.00	OP 8				
19.30-22.30	Welcome Party	17.00-17.30	IL 3		

Tuesday, 4 Sept 2007		Wednesday, 5 Sept 2007		Thursday, 6 Sept 2007		
8.30-9.20	PL 4	8.30-9.20	PL 5	8.30-9.20	PL 7	
9.20-9.40	OP 15	9.20-9.40	OP 20	9.20-9.40	OP 30	
9.40-10.00	OP 16	9.40-10.00	OP 21	9.40-10.00	OP 31	
10.00-10.30	Coffee Break	10.00-10.30	Coffee Break	10.00-10.30	Coffee Break	
10.30-11.00	IL 6	10.30-10.50	OP 22	10.30-10.50	OP 32	
11.00-11.20	OP 17	10.50-11.10	OP 23	10.50-11.10	OP 33	
11.20-11.40	OP 18	11.10-11.30	OP 24	11.10-11.30	OP 34	
11.40-12.00	OP 19	11.30-12.00	IL 7	11.30-11.45	Presenting COMC-18	
12.00-13.00	Lunch	12.00-13.30	Lunch	11.45-12.30 Closing Ceremony		
13.00-20.00	Conference Tour & Dinner	13.30-14.20	PL 6		12.30-14.00	Lunch
		14.20-14.50	IL 8			
		14.50-15.10	OP 25			
		15.10-15.40	Coffee Break			
		15.40-16.00	OP 26			
		16.00-16.20	OP 27			
		16.20-16.40	OP 28			
		16.40-17.00	OP 29			
		17.00-17.30	IL 9			
		17.30-17.50	OP 35			
19.30-23.00	Banquet					

OL – Opening Lecture; PL- Plenary Lecture; IL – Invited Lecture; OP – Oral Presentation

XVII EuCheMS Conference on Organometallic Chemistry

SCIENTIFIC PROGRAMME

Saturday, September 1

09.00-19.30	Registration
19.30-22.30	Welcome Party

Sunday, September 2

Chair: **Vladimir Dimitrov**, Bulgarian Academy of Sciences, Sofia, Bulgaria

08.30-09.00	Opening Ceremony
09.00-10.00 OL	R. H. Crabtree (Yale University, USA) CH ACTIVATION, CARBENES AND MOLECULAR RECOGNITION IN CATALYSIS
10.00-10.30	Coffee Break

Chair: **E. Peter Kundig**, University of Geneva, Geneva, Switzerland

10.30-10.50 OP 1	C. J. Elsevier [PALLADIUM(0)-NHC] COMPLEX CATALYSTS FOR (TRANSFER) SEMI-HYDROGENATION OF ALKYNES
10.50-11.10 OP 2	A. Demonceau HOMOBIMETALLIC RUTHENIUM-ARENE COMPLEXES BEARING N-HETEROCYCLIC CARBENE LIGANDS: SYNTHESIS, CHARACTERISATION AND CATALYTIC APPLICATION
11.10-11.30 OP 3	V. R. Jensen THE FIRST IMIDAZOLIUM-SUBSTITUTED METAL ALKYLIDENE
11.30-12.00 IL 1	G. Licini (University of Padova, Italy) MULTIDENTATE LIGANDS FOR A SELECTIVE AND EFFECTIVE CATALYSIS
12.00-13.30	Lunch

Chair: **Stanislaw Pasynkiewicz**, Warsaw University of Technology, Warsaw, Poland

13.30-14.20 PL 1	C. Bolm (RWTH Aachen, Germany) IRON-CATALYZED ORGANIC REACTIONS
14.20-14.50 IL 2	G. Hilmersson (Göteborg University, Sweden) REDUCTIONS AND COUPLINGS PROMOTED BY SmI ₂ /WATER/AMINE
14.50-15.10 OP 4	M. Saito REDUCTION OF PHENYL SILYL ACETYLENE WITH LITHIUM TO AFFORD UNEXPECTED DILITHIUM DIBENZOPENTALENIDE WITH 1,4-DILITHIO-1,3-BUTADIENE
15.10-15.40	Coffee Break

Chair: **Blagoy Blagoev**, Bulgarian Academy of Sciences, Sofia, Bulgaria

15.40-16.00 OP 5	R. Peters DEVELOPMENT OF THE FIRST HIGHLY ACTIVE ENANTIOSELECTIVE CATALYSTS FOR THE AZA-CLAISEN REARRANGEMENT
16.00-16.20 OP 6	J. Liu MECHANISTIC INSIGHT INTO ASYMMETRIC TRANSFER HYDROGENATION IN WATER
16.20-16.40 OP 7	X. Urbaneja HIGHLY EFFICIENT Pd-CATALYZED DESYMMETRIZATION REACTIONS
16.40-17.00 OP 8	D. Vogt ASYMMETRIC HYDROCYANATION: THE ENANTIOSELECTIVE STEP
17.00-17.30 IL 3	K. Muniz (Louis Pasteur University Strasbourg, France) TRANSITION METAL CATALYSED DIAMINATION OF ALKENES

XVII EuCheMS Conference on Organometallic Chemistry

Monday, September 3

Chair: **Vidar Jensen**, University of Bergen, Bergen, Norway

08.30-09.20 PL 2	P.-O. Norrby (Göteborg University, Sweden) MECHANISTIC INVESTIGATIONS OF METAL-CATALYZED COUPLINGS
09.20-09.40 OP 9	T. Kegl THE COBALT-CATALYZED KETENE FORMATION. A DENSITY FUNCTIONAL STUDY
09.40-10.00 OP 10	I. G. Ryabinkin V ⁺ -BENZENE HALF-SANDWICH COMPLEXES OF DIFFERENT MULTIPLICITIES. COMPREHENSIVE THEORETICAL STUDY
10.00-10.30	<i>Coffee Break</i>

Chair: **Helena Grennberg**, Uppsala university, Uppsala, Sweden

10.30-11.00 IL 4	P. Wyatt (Queen Mary, University of London, UK) SYNTHESIS OF LANTHANIDE COMPLEXES FOR PHOTONICS APPLICATIONS USING FLUORINATED LIGANDS
11.00-11.20 OP 11	U. Siemeling 1,2-DITHIOLANE DERIVATIVES FUNCTIONALIZED WITH PHOTOCHROMIC MOIETIES: FROM MOLECULAR COORDINATION CHEMISTRY TO SMART SURFACES
11.20-11.40 OP 12	M. Khan ORGANOMETALLIC COMPLEXES FOR NEW MATERIALS APPLICATIONS: RIGID ROD Pt(II) POLY-YNES
11.40-12.00 OP 13	N. W. Mitzel HEMILABILE HYDROXYLAMINE LIGANDS IN ORGANOMETALLIC COMPOUNDS
12.00-13.30	<i>Lunch</i>

Chair: **Matthias Tacke**, UCD School of Chemistry and Chemical Biology, Dublin, Ireland

13.30-14.20 PL 3	E. Shubina (A.N.Nesmeyanov Institute of Organoelement Compounds, Russia) HYDROGEN BONDING AS A CONDUCTOR OF TRANSITION METAL HYDRIDES PROTONATION
14.20-14.50 IL 5	B. Breit (Albert-Ludwigs-University Freiburg, Germany) CATALYSTS THROUGH SELF ASSEMBLY FOR COMBINATORIAL HOMOGENEOUS CATALYSIS
14.50-15.10 OP 14	E. Zuidema PUTTING THE PIECES TOGETHER: THE RATE DETERMINING STEP IN THE RHODIUM-CATALYZED HYDROFORMYLATION REACTION
15.10-15.40	<i>Coffee Break</i>
15.40-19.00	Poster Session

Tuesday, September 4

Chair: **Elena Shubina**, A.N. Nesmeyanov Institute of Organoelement Compounds of Russian Academy of Sciences, Moscow, Russian Federation

08.30-09.20 PL 4	N. Metzler-Nolte (Ruhr University Bochum, Germany) LABELLING OF BIOACTIVE PEPTIDES WITH ORGANOMETALLIC COMPOUNDS: FROM BASIC CHEMISTRY TO BIOMEDICAL APPLICATIONS
09.20-09.40 OP 15	K. Weinberg SYNTHESIS OF METALLOPINCER-ENZYME INHIBITOR HYBRIDS
09.40-10.00 OP 16	D. Copolovici ORGANOANTIMONY(III) COMPOUNDS WITH PENDANT ARMS – REACTIVITY AND STRUCTURE
10.00-10.30	<i>Coffee Break</i>

XVII EuCheMS Conference on Organometallic Chemistry

Chair: **Jan Cermak**, Institute of Chemical Process Fundamentals, v.v.i.,
Prague, Czech Republic

10.30-11.00 IL 6	M. Tacke (University College Dublin, Ireland) NOVEL TITANOCENE ANTICANCER DRUGS
11.00-11.20 OP 17	B. Therrien RUTHENIUM-PORPHYRIN COMPOUNDS FOR PHOTODYNAMIC CANCER THERAPY
11.20-11.40 OP 18	F. Ricatto SYNTHESIS OF UNUSUAL AMINE OLEFIN PLATINUM COMPLEXES WITH A SAWHORSE STRUCTURE
11.40-12.00 OP 19	P. Portius ORGANOGERMANIUM(II) HALIDES AS BUILDING BLOCKS OF TRANSITION METAL - GERMANIUM TRIPLE BONDS
12.00-13.00	<i>Lunch</i>
13.00-20.00	Conference Tour & Dinner

Wednesday, September 5

Chair: **Konstantinos Mertis**, University of Athens, Athens, Greece

08.30-09.20 PL 5	K. Nozaki (University of Tokyo, Japan) PALLADIUM-CATALYZED COORDINATION POLYMERIZATION OF POLAR VINYL MONOMERS
09.20-09.40 OP 20	B. de Bruin Rh MEDIATED CARBENE INSERTION POLYMERIZATION: MECHANISM AND STEREOREGULATION
09.40-10.00 OP 21	M. Hanton GROUP 6 IMIDO COMPLEXES FOR ALPHA-OLEFIN DIMERISATION
10.00-10.30	<i>Coffee Break</i>

Chair: **Philip Mountford**, Oxford University, Oxford, United Kingdom

10.30-10.50 OP 22	R. Layfield FROM MIXED-METAL SYNERGY IN SYNTHESIS TO BIMETALLIC GREEN CATALYSTS FOR STYRENE EPOXIDATION USING AIR
10.50-11.10 OP 23	A. Correa EFFICIENT LIGAND-FREE COPPER-CATALYZED <i>N</i> -ARYLATION OF SULFOXIMINES AND <i>N</i> -HETEROCYCLES
11.10-11.30 OP 24	E. Royo NOVEL GROUP 4 AND 6 ALLYL-DIMETHYLSILYLCYCLOPENTADIENYL HYDRIDO COMPOUNDS
11.30-12.00 IL 7	R. Willem (University of Brussels, Belgium) A VERY EFFICIENT GRAFTED TIN TRICHLORIDE CATALYST. HOW HIGH RESOLUTION MAGIC ANGLE SPINNING NMR (hr-MAS NMR) ADDRESSES CATALYST PURITY AND CATALYTIC PROCESSES AT THE LIQUID-SOLID INTERFACE
12.00-13.30	<i>Lunch</i>

Chair: **Michel Pfeffer**, CNRS/University Louis Pasteur, Strasbourg, France

13.30-14.20 PL 6	J.-F. Carpentier (University of Rennes, France) DISCRETE ANSA-LANTHANIDOCENES BASED ON INDENYL AND FLUORENYL LIGANDS: COORDINATION PECULIARITIES AND UNIQUE CATALYSTS FOR NEW POLYMER MATERIALS
14.20-14.50 IL 8	P. Mountford (University of Oxford, UK) HIGHLY ACTIVE ETHYLENE POLYMERISATION CATALYSTS DERIVED FROM GROUP 4 IMIDO COMPOUNDS: FROM CATALYST DISCOVERY TO FUNDAMENTAL ASPECTS OF REACTION SITE SELECTIVITY

XVII EuCheMS Conference on Organometallic Chemistry

14.50-15.10 OP 25	S. F. Mapolie NOVEL PYRIDINE-PYRAZOLYL VANADIUM (III) COMPLEXES AS ETHYLENE POLYMERIZATION CATALYSTS
15.10-15.40	<i>Coffee Break</i>
Chair: Edmunds Lukevics , Latvian Institute of Organic Synthesis, Riga, Latvia	
15.40-16.00 OP 26	J. P. Djukic NEW DIRECT AND STEREOSELECTIVE CYCLO-METALLATIONS OF PLANAR PROCHIRAL LIGANDS WITH OCTAHEDRAL Ru(II) AND TETRAHEDRAL Rh(III) and Ir(III) COMPLEXES
16.00-16.20 OP 27	D. A. Valyaev SYNTHESIS AND REACTIVITY OF NOVEL α -PHOSPHINOCARBENE COMPLEXES
16.20-16.40 OP 28	K. Osakada ORGANOPLATINUM COMPLEXES HAVING ARYLBORONATE AND SILSESQUOXANATE LIGANDS. PROPERTIES OF THE NEW Pt-O-E (E : B, Si) BONDS
16.40-17.00 OP 29	A. Růžička ON REACTIVITY OF A C,N-CHELATED ORGANOTIN(II AND IV) COMPOUNDS
17.00-17.30 IL 9	H. Berke (University of Zürich) IONIC HYDROGENATION AS A TRUE ALTERNATIVE TO WILKINSON TYPE HYDROGENATIONS
17.30-17.50 OP 35	W. Baratta SELF-ASSEMBLED CHIRAL LIGANDS IN RUTHENIUM COMPLEXES FOR HIGHLY EFFICIENT ASYMMETRIC TRANSFER HYDROGENATION
19.30-23.00	Banquet

Thursday, September 6

Chair: **Nils Metzler-Nolte**, Ruhr-University Bochum, Bochum, Germany

08.30-09.20 PL 7	A. Togni (ETH Zürich, Switzerland) CATALYTIC ENANTIOSELECTIVE HETEROFUNCTIONALIZATIONS
09.20-09.40 OP 30	K. Mashima HIGHLY ENANTIO- AND s-trans-C=C BOND SELECTIVE HYDROGENATION OF ENONES: ALTERNATIVE PRACTICAL SYNTHESIS OF (-)-MENTHOL
09.40-10.00 OP 31	E. A. B. Kantchev N-HETEROCYCLIC CARBENE-LIGATED PALLADACYCLE AS A RATIONALLY DESIGNED, HIGHLY ACTIVE, PRACTICAL CATALYST FOR HECK-MIZOROKI REACTION
10.00-10.30	<i>Coffee Break</i>

Chair: **Uno Mäeorg**, University of Tartu, Tartu, Estonia

10.30-10.50 OP 32	K. Mach REACTIVITY OF PERMETHYLATED SINGLE TUCKED-IN TITANOCENES TO ALKYNES, AND POLAR REAGENTS
10.50-11.10 OP 33	P. Natanti UNEXPECTED OPTICALLY ACTIVE Rh DERIVATIVES
11.10-11.30 OP 34	J. J. Carbo PREDICTION OF ENANTIOMERIC EXCESSES IN ASYMMETRIC CATALYSIS USING A NEW QSSR APPROACH BASED ON THREE-DIMENSIONAL DFT MOLECULAR DESCRIPTORS
11.30-11.45	Presenting COMC-18
11.45-12.30	Closing Ceremony
12.30-14.00	Lunch