

# 13<sup>th</sup> Ferrocene Colloquium

February 22 – 24, 2015

Leipzig, Germany

<http://www.uni-leipzig.de/chemie/hh/ferrocene-colloquium>

## Sunday, 22 February 2015

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|---------------|---|
| 11:30 – 13:00 | Arrival/Registration  |
| 13:00 – 13:15 | Opening   |
| 13:15 – 14:00 | INV 1 (Miluykov)<br>Coordination polymers based on ferrocenyl- and arylphosphinic acids   |
| 14:00 – 14:20 | O1 (M. Denißen)<br>Multicomponent synthesis and complexation of solid-state fluorescent oxindole merocyanines   |
| 14:20 – 14:40 | O2 (C. Schliebe)<br>Twin polymerization of ferrocenes   |
| 14:40 – 15:00 | O3 (A. Schmied)<br>Selective formation of bis-phospholane-based macrocycles, polymeric chains and nanotubes   |
| 15:00 – 15:40 | Coffee Break  |
| 15:40 – 16:00 | O4 (U. Schatzschneider)<br>Organometallic compounds as carrier systems for biological signalling molecules: new CO-releasing molecules (CORMs)                              |
| 16:00 – 16:20 | O5 (K. Kowalski)<br>Metallocene derivatives of $\beta$ -lactam antibiotics: antibacterial activity and mechanism of action  |
| 16:20 – 16:40 | O6 (F. Hudecz)<br>Novel ferrocene compounds containing cinchona alkaloid motif: in vitro antitumor  |
| 16:40 – 17:00 | O7 (A. Mokhir)<br>N-Benzylaminoferrocene-based prodrugs: toxicity and anticancer activity   |
| 17:00 – 17:20 | O8 (A. Csampai)<br>Synthesis of ferrocene-based bis heterocycles with biological relevance employing sequential degradation and reconstruction of the metallocene structure |
| 17:20 – 17:40 | O9 (O. S. Abdel-Rahman)<br>Synthesis, investigation, and DFT Studies of bis(alkenyl)ruthenium complexes with free-rotating and rotationally restricted biphenyl bridges     |
| 18:00 – 20:00 | Poster session (posters will remain on display until the end of the event)  |

## Monday, 23 February 2015

- 09:00 - 09:45 INV 2 (Štěpnička)  
The coordination and catalytic chemistry of phosphinoferrrocene carboxamides
- 09:45 - 10:05 O10 (E. Manoury)  
Planar chiral ferrocenyl P,S ligands for asymmetric catalysis
- 10:05 - 10:25 O11 (P. Jungk)  
Synthesis and application of new cobalt(I) catalysts in [2+2+2] cycloadditions
- 10:25 - 10:45 O12 (A. Labande)  
Oxidation-promoted activation of a ferrocene C-H by a rhodium complex
- 10:45 - 11:20 Coffee Break
- 11:20 - 11:40 O13 (C. Godemann)  
Ansa-titanocene triflate complexes for the investigation of fundamental steps of overall water splitting
- 11:40 - 12:00 O14 (S. Weller)  
Synthesis and chemical studies of diaza-phospha-ferrocenophanes
- 12:00 - 12:20 O15 (D. Kargin)  
Approach towards bisphosphano based tetrylenes via stereoselective [3]-ferrocenophanes
- 12:20 - 12:40 O16 (J. Oetzel)  
Ferrocene-based tetrylenes – main-group elements as transition metals
- 12:40 - 14:00 Lunch
- 14:00 - 14:45 INV 3 (Long)  
Ferrocene ringtronics – new macrocycles for molecular electronics
- 14:45 - 15:05 O17 (J.-Y Chung)  
Novel benzannulated cyclopentadienide ligands with intrinsic chirality: synthesis and their complexes
- 15:05 - 15:25 O18 (M. Reiners)  
Sterically demanding ferrocenes and half-opened ferrocenes: synthesis and spectroscopic investigations
- 15:25 - 16:00 Coffee Break
- 16:00 - 16:20 O19 (A. R. Kudinov)  
Mono- and dicationic triple-decker complexes with a bridging diborolyli ligand
- 16:20 - 16:40 O20 (I. Werner)  
The first late transition metal cyclopentadienyl chelate complexes with silylphosphane or secondary phosphane
- 16:40 - 17:00 O21 (D. Herrmann)  
Naphthalene as a bridging ligand in bimetallic iron and ruthenium complexes
- 17:00 - 17:20 O22 (I. Schädlich)  
Dinickelocene obtained by reduction of alkylcyclopentadienylnickel(II) bromide
- 17:20 - 17:40 O23 (M. Schmidt)  
Arsenic containing metallocenes – synthesis and reactivity

18:30 - Dinner in "Bayerischer Bahnhof"

**Tuesday, 24 February 2015**

- 09:00-09:45 INV 4 (Caminade)  
Dendrimers and ferrocenes: synthesis, characterization and uses for materials and catalysis
- 09:45-10:05 O24 (J. Becker)  
A sulfonyl substituted methandiide as non-innocent ligand in an iridium carbene Complex
- 10:05-10:25 O25 (D. Schmid)  
Imidazolium salt substituted metallocenes under nucleophilic attack
- 10:25-11:00 Coffee Break
- 11:00-11:20 O26 (M. McGlinchey)  
Syntheses, structures and dynamics of ferrocenyl-anthracenes and ferrocenyl-triptycenes: organometallic molecular brakes and dials
- 11:20-11:40 O27 (K. Skoch)  
1-(Diphenylphosphino)-1'-cyanoferrocene: mixed donor ligand with unusual coordination
- 11:40-12:00 O28 (L. Hettmanczyk)  
Heterobimetallic complexes with redox-active mesoionic carbenes as metalloligands: electrochemical properties and electronic structures
- 12:00-12:20 O29 (P. Veit)  
Diferrocenyl tosyl hydrazone with a rare NH...Fe hydrogen bond
- 12:20-12:45 Closing remarks & Awards
- 13:00- Lunch