



# Organometallic Chemistry Conference

The Jolly Beach, Antigua

March 8 - 11 2009

Chair: Lutz H. Gade

## Conference Programme

---

### Sunday 8 March

|                      |   |
|----------------------|---|
| <b>17:30 – 18:55</b> | <b>Session 1</b>  |
| <b>17:30</b>         | <b>Opening Remarks</b>  |
| <b>17:45</b>         | <b>Christopher C. Cummins</b><br><i>Small molecule Activation and Synthesis from Elemental N, P, and As</i>                     |
| <b>18:30</b>         | <b>Georgii Nikonov</b><br><i>Stoichiometric and catalytic reactions mediated by a silylamido agnostic complex of molybdenum</i> |

---

### Monday 9 March

|                      |  |
|----------------------|--|
| <b>08:30 - 10:05</b> | <b>Session 2</b>   |
| <b>08:30</b>         | <b>Peter Scott</b><br><i>Versatile Solutions to the <math>M(A-B)_3</math> isomer problem and other chirality issues in catalysis, materials chemistry and spectroscopy</i> |
| <b>09:15</b>         | <b>Patrick Eisenberger</b><br><i>Catalytic <math>\alpha</math>-Functionalization of Amines</i>   |
| <b>09:40</b>         | <b>Katharina Weitershaus</b><br><i>Titanium Hydrazinediido-Complexes: Their Reactivity towards unsaturated Molecules and their Application in Catalysis</i>                |
| <b>10:05 - 12:00</b> | <b>Poster Session</b>  |
| <b>12:00 - 16:00</b> | <b>Lunch, networking and free time</b>   |

- 16:00 - 17:10 **Session 3**  
16:00 **David Milstein**  
*Interactive Pincer-Ligand Systems. Reactivity and Catalytic Design*  
16:45 **Martin Albrecht**  
*Abnormal carbenes and their impact on transition metal reactivity*
- 17:10 - 17:40 **Informal discussion and refreshments**
- 17:40 - 18:30 **Session 4**  
17:40 **Dmitri Goussev**  
*New Pincer-Type Ligands and Complexes*  
18:05 **Sergey Vasilevskiy**  
*Influence of Pd- and Cu-organointermediates on direction of the cross-coupling of terminal acetylenes with haloarenes*
- 19:00 **Dinner**
- 

## Tuesday 10 March

- 08:30 - 10:05 **Session 5**  
08:30 **Hansjörg Grützmacher**  
*Olefins as steering ligands*  
09:15 **Rodica Alexandrescu**  
*Laser photochemistry of iron-pentacarbonyl-based mixtures for the production of novel iron-polymer nanocomposites*  
09:40 **Paul Sharp**  
*Unusual bromination chemistry of polycyclic aromatic Pt(II) complexes*
- 10:05 - 10:30 **Informal discussion and refreshments**
- 10:30 - 12:05 **Session 6**  
10:30 **Holger Braunschweig**  
*Borylene Complexes as Reagents in Organic and Organometallic Synthesis*  
11:15 **Reyna Madrigal**  
*Studies on azapentadienyl ruthenium compounds*  
11:40 **Giles Theaker**  
*Awakening a Dormant Catalyst: Ethene / Styrene Copolymerizations*
- 12:05 - 16:00 **Lunch, networking and free time**
- 16:00 - 17:10 **Session 7**  
16:00 **William Evans**  
*Expanding Organometallic Chemistry via f Element Reduction Chemistry*  
16:45 **David Smith**  
*The selective dimerisation of alpha-olefins*
- 17:10 - 17:40 **Informal discussion and refreshments**

- 17:40 - 18:30**    **Session 8**  
**17:40**    **Maria Contel**  
*Catalytic and pharmacological (anti-cancer, antibacterial) uses of new gold(III)-iminophosphorane complexes*
- 18:05**    **M. Angeles Paz Sandoval**  
*Studies on azapentadienyl ruthenium compounds*

**19:00**            **Dinner**

---

### Wednesday 11 March

- 08:30 - 10:05**    **Session 9**  
**08:30**    **Milko Van der Boom**  
*Molecular-based Mono- and Multilayers: Sensors, Communication, and Boolean Logic*
- 09:15**    **Susanne Martens**  
*Molecular Interactions and reactivity on Surfaces. An STM Study of Perylene derivatives*
- 09:40**    **Jonas Lindh**  
*Synthesis of Styrenes by Palladium(II)-Catalyzed Vinylation of Arylboronic Acids and Aryltrifluoroborates Using Vinyl Acetate*
- 10:05 - 10:30**    **Informal discussion and refreshments**
- 10:30 - 12:05**    **Session 10**  
**10:30**    **Michael Fryzuk**  
*Activation of Molecular Nitrogen and Molecular Phosphorus Using Organometallic Approaches*
- 11:15**    **Wolfgang Malisch**  
*Halfsandwich Tungsten and Iron Complexes Featuring Metal and Cyclopentadienyl Bound Silanol Functionality*
- 11:40**    **Closing Remarks**
- 12:00 -**        **Lunch, networking and departure**