

## Oral Programme

Tuesday, 16 <sup>th</sup> June 2015	
15:00-18:00	Conference registration <i>Room: Foyer</i>
18:00-19:00	Welcome reception <i>Room: Foyer</i>
Wednesday, 17 <sup>th</sup> June 2015	
07:30-09:00	Registration
Room	Grand Ballroom
09:00-09:10	Symposium welcome – <b>John L. Wood</b> , <i>Baylor University, USA</i> <b>Session Chair:</b> B. Stoltz, <i>Caltech, USA</i>
09:10-10:00	<b>[INV01] Metal-catalyzed cross-coupling reactions of alkyl electrophiles</b> <b>G. Fu</b> , <i>California Institute of Technology, USA</i>
10:00-10:50	<b>[INV02] Lewis base activation of Lewis acids: A new paradigm for catalysis in main group chemistry</b> <b>S. Denmark</b> , <i>University of Illinois at Urbana-Champaign, USA</i>
10:50-11:20	<b>Refreshment break and Poster Session 1</b> <i>Room: Foyer &amp; Ballroom B and Piano/Moneo</i>
11:20-12:10	<b>[INV03] Evolution of a New Total Synthesis of (-)-Echinospirin</b> <b>K. Hale</b> , <i>Queen's University Belfast, Ireland</i> <b>Session Chair:</b> L. Ghosez, <i>IECB, France</i>
12:10-13:00	<b>[INV04] Synthetic Chemistry with Unconventional Silicon Compounds</b> <b>M. Oestreich</b> , <i>Technische Universität Berlin, Germany</i>
13:00-14:30	<b>Lunch</b>   <i>Room: Foyer</i>
13:30-14:00	<b>Poster Session 1 continued.</b> <i>Room: Ballroom B and Piano/Moneo</i> <b>Session chair:</b> G.Q. Lin, <i>Shanghai Institute of Organic Chemistry, China</i>
14:30-15:20	<b>[INV05] [2+2] Photocycloaddition reactions: Applications in natural product synthesis and the quest for enantioselective catalysis</b> <b>T. Bach</b> , <i>Technische Universität München, Germany</i>
15:20-16:10	<b>[INV06] C–C bond forming reactions by cooperative metal catalysis</b> <b>Y. Nakao</b> , <i>Kyoto University Katsura, Japan</i> (Winner of the Young Investigator Award)
16:10-17:00	<b>[INV07] Catalytic Asymmetric Dearomatization (CADA) Reactions</b> <b>S.-L. You</b> , <i>Shanghai Institute of Organic Chemistry, China</i>
17:00-17:30	<b>Refreshment break and Poster session 2</b> <i>Room: Foyer &amp; Ballroom B and Piano/Moneo</i> <b>Session Chair:</b> B. Stoltz, <i>Caltech, USA</i>
17:30-18:20	<b>[INV08] Selective functionalization of Alkyl and Aryl C-H Bonds - Installation of temporary functional groups</b> <b>J. Hartwig</b> , <i>University of California, Berkeley, USA</i>
Thursday, 18 <sup>th</sup> June 2015	
Room	Grand Ballroom
	<b>Session Chair:</b> J. Wood, <i>Baylor University, USA</i>
09:00-09:50	<b>[INV09] Redox-triggered carbonyl addition via transfer hydrogenation: catalytic asymmetric C-H functionalization of alcohols</b> <b>M. Krische</b> , <i>University of Texas at Austin, USA</i>
09:50-10:40	<b>[INV10] Design and development of chiral hydrogen bond donors for enantioselective catalysis</b> <b>V. Rawal</b> , <i>University of Chicago, USA</i>
10:40-11:20	<b>Refreshment break and Poster session 2 continued.</b> <i>Room: Foyer &amp; Ballroom B and Piano/Moneo</i> <b>Session Chair:</b> P. Bernstein, <i>PharmaB LLC, USA</i>

11:20-11:40	<b>[O01] Asymmetric synthesis of Letemovir using a novel PTC-catalyzed aza-Michael reaction</b> S.M. Dalby*, G. Humphrey, J. Song, T. Andreani <i>Merck &amp; Co, UK</i>
11:40-12:30	<b>[INV11] New approaches to chemical modulator design of phosphatase activity</b> M. Köhn, <i>EMBL Heidelberg, Germany</i> (Winner of the Young Investigator Award)
12:30-13:20	<b>[INV12] An inflammatory disulfide bond switch</b> E. Balskus, <i>Harvard University, USA</i>
<b>13:20-14:30</b>	<b>Lunch</b> <i>Room: Foyer</i>
	<b>Session Chair:</b> S. Zard, <i>Ecole Polytechnique, France</i>
14:50-15:10	<b>[O02] Brønsted-Acid-Catalyzed C-C Bond-Forming Reactions of Ortho-Quinone Methides - Enantioselective Synthesis of Benzoannulated Oxygen Heterocycles</b> C. Schneider*, S. Haseloff, S. Saha, S.K. Alamsetti, O. El-Sepelgy, M. Kretzschmar, <i>University of Leipzig, Germany</i>
15:10-16:00	<b>[INV13] Total synthesis of unique polycyclic bioactive indole alkaloids</b> T. Sunazuka, <i>Medical Research Council, UK</i>
16:00-16:50	<b>[INV14] Strategies and tactics for chemical synthesis inspired by complex alkaloids</b> R. Sarpong, <i>University of California, Berkeley, USA</i>
<b>16:50-17:20</b>	<b>Refreshment break and Poster session 3.</b> <i>Room: Foyer &amp; Ballroom B and Piano/Moneo</i>
	<b>Session Chair:</b> S. Davies, <i>University of Oxford, UK</i>
17:50-18:40	<b>[INV15] Synthesis and chemical biology of heterocyclic natural products and related compounds</b> S. Martin, <i>University of Texas at Austin, USA</i>
<b>19:30-22:00</b>	<b>Conference dinner – TV Tower Berlin (ticket required). Coaches depart Grand Hyatt Hotel at 19:15</b>
<b>Friday, 19<sup>th</sup> June 2015</b>	
<b>Room</b>	<b>Grand Ballroom</b>
	<b>Session Chair:</b> K. Maruoka, <i>Kyoto University, Japan</i>
08:45-09:35	<b>[INV16] Asymmetric catalysis of designer chiral organic ion pairs</b> T. Ooi, <i>Nagoya University, Japan</i>
09:35-10:25	<b>[INV17] Evolution of a synthetic strategy for the total synthesis of (-)-Maoecrystal V</b> R. Thomson, <i>Northwestern University, USA</i>
10:25-10:45	<b>[O03] Total synthesis of a novel oxa-bowl natural product paracaseolide A via a 'putative' biomimetic pathway</b> V. Laxmaiah* <sup>1</sup> , F.A. Khan <sup>1</sup> , G. Mehta <sup>2</sup> , <sup>1</sup> <i>Indian Institute of Technology Hyderabad, India</i> , <sup>2</sup> <i>University of Hyderabad, India</i>
10:45-11:05	<b>[O04] A divergent approach towards total synthesis of naphthoquinone ansamycins: synthesis of late-stage precursors to access different hygrocins and divergolides</b> D.W. Terwilliger*, D. Trauner, <i>Ludwig-Maximilians-University Munich, Germany</i>
<b>11:05-11:35</b>	<b>Refreshment break and Poster session 3 continued.</b> <i>Room: Foyer &amp; Ballroom B and Piano/Moneo</i>
	<b>Session Chair:</b> S. Martin, <i>University of Texas at Austin, USA</i>
12:05-12:55	<b>[INV18] Complex molecule synthesis as a fuel for discovery</b> N. Garg, <i>UCLA, USA</i>
<b>12:55-13:10</b>	<b>Poster awards and closing remarks</b>