

# Program

## Keynote Lectures (K) and Oral Contributions (O)

Thursday, November 29, 2007			
Chairman: G. Meyer, Köln			
	17:00	Gerd Meyer (Köln)	<b>Opening</b>
K 01	17:15	<u>Glen. B. Deacon</u> (Monash)	Rare earths – a source of continuing excitement
K 02	17:45	Paul Maggard, Ling Chen, Laura Castro, Akash Mehta, <u>John D. Corbett</u> (Ames)	Unusual Condensed Rare-Earth–Transition-Metal Tellurides and Why Only Certain Rare-Earth Metals Participate
Friday, November 30, 2007			
Chairman: R. Kempe, Bayreuth			
O 01	09:00	<u>Tobias Beck</u> , Philip C. Andrews, Benjamin H. Fraser, Peter C. Junk, Massimiliano Massi (Göttingen, Monash)	Towards a Better Understanding of the Formation of Lanthanoid Hydroxo Clusters with Chelating Ligands
O 02	09:20	<u>Christian Döring</u> , Winfried Kretschmer, Rhett Kempe (Bayreuth)	Aminopyridinato ligand stabilized lanthanoid alkyl complexes used for polymerization reactions
O 03	09:40	<u>Shaozhong Ge</u> , Auke Meetsma, Bart Hessen (Groningen)	Neutral and Cationic Lanthanide Complex Catalyzed Z-selective Head-to-head Dimerization of (Hetero-)aromatic Terminal Alkynes
O 04	10:00	Christian Ruspic, <u>Sjoerd Harder</u> (Duisburg-Essen)	Remarkable Stability of Metallocenes with Superbulky Ligands: Spontaneous Reduction of Sm <sup>III</sup> to Sm <sup>II</sup>
O 05	10:20	<u>Amadou Ndiaye</u> , Fabrice Guyon, Michael Knorr, Volker Huch, Michael Veith (Saarbrücken, Besancon)	Luminescence studies in dithiolene-lanthanide complexes
	10:40		<b>Coffee Break</b>
K 03	11:00	Arash Babai, Anna Getsis, Bert Mallick, Slawomir Pitula, Sifu Tang,	Lanthanide based ionic liquids as solvents for synthesis as well as optical and magnetic applications

		<u>Anja-Verena Mudring</u> (Bochum)	
K 04	11:30	<u>Peter Nockemann</u> , Ben Thijs, Kyra Lunstroot, Rik Van Deun, Koen Binnemans (Leuven)	Speciation of Rare-Earth Complexes in Ionic Liquids
	12:00		<b>Lunch Break</b>
Chairman: P. Roesky, Berlin			
K 05	13:00	<u>Peter C. Junk</u> (Monash)	Access to heterobimetallic complexes by the direct route
O 06	13:30	Glen B. Deacon, Peter C. Junk, <u>Graeme J. Moxey</u> (Monash)	Synthesis and Structural Characterisation of Bi-metallic Aryloxide Complexes
O 07	13:50	Michèle Schappacher, Paul Dessuge, Noémi Barros, Laurent Maron, <u>Sophie M. Guillaume</u> (Pessac, Toulouse, Rennes)	MMA Polymerisation initiated by rare earth (boro)hydride complexes: a combined experimental and computational approach
O 08	14:10	<u>Hellen E Dyer</u> , Philip Mountford (Oxford)	Borohydride and zwitterionic bis(phenolate)amine lanthanide complexes for the ring-opening polymerisation of cyclic esters
O 09	14:30	<u>Ian J. Casely</u> , Polly L. Arnold (Edinburgh)	Tetravalent cerium carbene complexes
O 10	14:50	<u>Mathias U. Kramer</u> , Thomas P. Spaniol, Jun Okuda (Aachen)	Searching for New Organolanthanide Starting Materials
	15:10		<b>Coffee Break and Poster Session</b>
Chairman: H. Schumann, Berlin			
O 11	16:00	<u>Olga Osetska</u> , Markus Albrecht, Roland Fröhlich, Jean-Claude G. Bünzli, Annina Aebischer, (Aachen, Münster, Lausanne)	Sensitization of NIR Luminescence from the Mono- and Dinuclear Ln <sup>3+</sup> Complexes by Energy Transfer from 8-Hydroxyquinoline Ligands
O 12	16:20	<u>Michaël Terrier</u> , Philippe Zinck, Thomas Chenal, André Mortreux, Marc Visseaux (Villeneuve)	Lanthanide Trisborohydrides as valuable precursors for organometallic synthesis
O 13	16:40	Hanne-M. Sommerfeldt,	Reactivity of Peralkylated Ln <sup>II</sup> Al <sup>III</sup>

		<u>Christian Meermann</u> , Karl W. Törnroos, Reiner Anwander (Bergen)	Heterobimetallic Complexes toward N/O Donor Molecules and HC <sub>5</sub> Me <sub>5</sub>
K 06	17:00	<u>François Nief</u> (Palaiseau)	Synthesis and reactivity of divalent thulium, dysprosium and neodymium organometallics
K 07	17:30	Peter W. Roesky (Berlin)	Bis(phosphinimino)methanides as Ligands in Lanthanide Chemistry
	18:00		<b>Terrae Rarae 2007 Award Session Conference Dinner</b>

**Saturday, December 1, 2007**

Chairman: T. Schleid, Stuttgart

K 08	08:30	<u>Karl Krämer</u> , Lukas Keller (Bern, Zürich)	High Temperature Phase and Thermal Expansion of PrBr <sub>3</sub>
K 09	09:00	<u>Petra Becker</u> , <u>Ladislav Bohatý</u> , Alexander A. Kaminskii (Köln, Moscow)	Crystal growth and optical properties of LaBO <sub>2</sub> MoO <sub>4</sub>
O 14	09:30	<u>Christoph J. Höller</u> , Klaus Müller-Buschbaum (München)	Melt Synthesis – a Suitable Way to Solvent Free 3-Dimensional RE-Nitrile-Networks
O 15	09:50	<u>Frederick Casper</u> , Claudia Felser (Mainz)	Magnetic and electronic properties of RENiBi (RE=Pr, Sm, Gd - Tm, Lu) compounds
O 16	10:10	<u>Henning A. Höpfe</u> , (Freiburg)	<b>The Behaviour of Incommensurately Modulated Ln(PO<sub>3</sub>)<sub>3</sub> (Ln = Tb... Yb, Y) at Low Temperatures</b>
	10:30		<b>Coffee Break</b>
O 17	11:00	<u>Dominique Robert</u> , Thomas P. Spaniol, Jun Okuda (Aachen)	Cationic Allyl Complexes of Rare-Earth Metals
O 18	11:20	<u>Melanie Zimmermann</u> , Helmut Sitzmann, Karl W. Törnroos, Reiner Anwander (Bergen, Kaiserslautern)	Living trans-1,4 Isoprene Polymerization by Cationic Rare-Earth Metal Half-Sandwich Complexes
O 19	11:40	<u>Winfried P. Kretschmer</u> , Sérgio Bambirra, Nicky Philipp, Auke Meetsma, Bart Hessen, Christian Döring, Rhett Kempe (Groningen, Bayreuth)	Reactivity control of tri-alkyl rare-earth metal complexes
	12:00		<b>Lunch The End</b>