

08:00 - 08:30	put up poster
08:30 - 08:35	<b>Wolfram Sander</b> <i>Welcome</i>
08:35 - 08:50	<b>Christian Müller</b> <i>"Single-conformation spectroscopy of solutes, solvents, and solute-solvent clusters: Proline-catalyzed aldol reactions, ionic liquids, and a novel laser spectroscopic technique"</i>
08:50 - 09:05	<b>Torsten Endres</b> <i>"Single-conformation spectroscopy of transition state analogs in proline-catalyzed aldol reactions"</i>
09:05 - 09:10	<b>Laura Wollny</b> <i>"Developing a THz source for single conformation spectroscopy of solute-solvent clusters"</i>
09:10 - 09:25	<b>Stefan Huber</b> <i>"Multidentate Halogen-Bond Donors in Solution"</i>
09:25 - 09:30	<b>Stefan Jungbauer</b> <i>"Organocatalysis by Neutral Multidentate Halogen-Bond Donors"</i>
09:30 - 09:35	<b>Severing Schindler</b> <i>"Isothermal Calorimetric Titrations on Charge-Assisted Halogen Bonds"</i>
09:35 - 09:50	<b>Patrick Nürnberger</b> <i>"Tracing a photochemical reaction by ultrafast transient absorption spectroscopy"</i>
09:50 - 09:55	<b>Johannes Knorr</b> <i>"Ultrafast Photochemistry of a CO-Releasing Molecule (CORM) in Water"</i>
09:55 - 10:10	<b>Christian Merten</b> <i>"Chiral molecules in solution: A short overview on upcoming projects"</i>
10:10 - 10:40	Coffee Break and Poster Session
10:40 - 10:55	<b>Wolfram Sander</b> <i>"Solvation and Reactivity"</i>
10:55 - 11:00	<b>Paolo Costa</b> <i>"Hydrogen Bonding Switches the Spin State of a Carbene from Triplet to Singlet"</i>
11:00 - 11:05	<b>Stefan Henkel</b> <i>"Hydrogen as nonconventional solvent in matrix isolation"</i>
11:05 - 11:10	<b>Joel Mierez Perez</b> <i>"High Spin nitrenes: stable intermediates in water at low temperatures"</i>
11:10 - 11:15	<b>Genevieve Richter</b> <i>"The phenylchlorocarbene as a hydrogen bond acceptor. A matrix isolation study"</i>
11:15 - 11:30	<b>Anton Savitzky</b> <i>"Carbenes and solvation: An advanced EPR study"</i>
11:30 - 11:45	<b>Elsa Sanchez-Garcia</b> <i>"Solvents, reactive intermediates and catalysis: A computational point of view"</i>
11:45 - 11:50	<b>Miguel Fernandez-Olivia</b> <i>"Benchmark study of computational methods for estimating singlet-triplet gaps in carbenes"</i>
11:50 - 13:30	Lunch and Poster Session
13:30 - 13:45	<b>Frank Neese</b> <i>TBA</i>
13:45 - 13:55	<b>Anja-Verena Mudring</b> <i>"Tuning Reactions by Ionic Liquids"</i>
13:55 - 14:00	<b>Eike Spielberg</b> <i>"Functional Ionic Liquids"</i>
14:00 - 14:05	<b>Paul Campbell</b> <i>"Metal-based Ionic Liquids for Gas Sorption"</i>
14:05 - 14:10	<b>Thomas Brüggemann</b> <i>"Gas-solvent interactions in ionic liquids - a crystallographic study"</i>
14:10 - 14:15	<b>Ines Hamm</b> <i>"Sonochemical low-temperature synthesis of mesoporous metal oxides for photocatalysis in ionic liquids"</i>

14:15 - 14:20	<b>Demain Pitz</b> <i>"Dissolving manganese(II) bromide in polymeric ionic liquids - species formation studied by spectroscopy"</i>
14:20 - 14:25	<b>Kathrin Stappert &amp; Mei Yang</b> <i>"Utilizing Long Chain Bearing Imidazolium Ionic Liquids for Nanoparticle Synthesis"</i>
14:25 - 14:40	Coffee Break and Poster Session
14:40 - 14:55	<b>Martina Havenith-Newen</b> <i>"IR spectroscopy of building blocks of solvent-solute networks in supercooled helium nanodroplets"</i>
14:55 - 15:00	<b>Daniel Habig</b> <i>"Observation of radicals and radical complexes at 0.37 K"</i>
15:00 - 15:15	<b>Lukasz Walewski</b> <i>"Structures and Reactions of HCl/Water Clusters at Ultralow Temperatures"</i>
15:15 - 15:30	<b>Hermann Weingärtner</b> <i>"Steering ion pairing in solutions by solvent variation"</i>
15:30 - 16:00	Coffee Break and Poster Session
16:00 - 16:15	<b>Marcus Petermann</b> <i>"Gas separation and purification by IIs"</i>
16:15 - 16:20	<b>Mihaela Ivanova</b> <i>"Supported Ionic Liquid Phase (SILP) materials design in supercritical CO<sub>2</sub> and their applications in sorption processes"</i>
16:20 - 16:35	<b>Marie Holz</b> <i>"TranSOLV – Transfer of Results from Basic Research to Applied Research"</i>
16:35 - 16:50	<b>Claudia Loerbroks</b> <i>"Hydrolysis of Cellulose: A computational study"</i>
16:50 - 16:55	<b>Bishnu Kar</b> TBA
16:55 - 17:00	<b>Kenny Hanke</b> <i>"Investigation of ionic liquid building blocks"</i>
17:00 - 19:50	Poster Session, Dinner, ad hoc discussion groups

## POSTER Workshop Area A - 30.01.2014 Beckmanns Hof

1	<b>Thomas Brüggemann, Roland Boese, Anja-Verena Mudring</b> <i>"Gas-solvent interactions in ionic liquids - a crystallographic study"</i>
2	<b>Miguel Fernandez-Olivia</b> <i>"Benchmark study of computational methods for estimating singlet-triplet gaps in carbenes"</i>
3	<b>Ines Hamm, Tarek Alammar, Anja-Verena Mudring</b> <i>"Sonochemical low-temperature synthesis of mesoporous metal oxides for photocatalysis in ionic liquids"</i>
4	<b>Mihaela Ivanova</b> <i>"Supported Ionic Liquid Phase (SILP) materials design in supercritical CO<sub>2</sub> and their applications in sorption processes"</i>
5	<b>Stefan Jungbauer</b> <i>"Organocatalysis by Neutral Multidentate Halogen-Bond Donors"</i>
6	<b>P. Rudolf, F. Kanal, J. Knorr, C. Nagel, J. Niesel, T. Brixner, U. Schatzschneider, P. Nuernberger</b> <i>"Ultrafast Photochemistry of a CO-Releasing Molecule (CORM) in Water"</i>
7	<b>Anastasia Lackmann, Gabriel Kopiec, Bert Mallick and Anja-Verena Mudring</b> <i>"Lanthanide-based Ionic Liquids"</i>
8	<b>Chantal Lorbeer, Kirsten Grübel and Anja-Verena Mudring</b> <i>"Nanophosphors from Ionic Liquids - Phase and Morphology Tuning"</i>
9	<b>Dr. Paul Campbell, Meike Leu, Prof. Dr. Anja-Verena Mudring</b> <i>"Metal-based Ionic Liquids for Gas Sorption"</i>
10	<b>Demian Pitz, Mike Broxtermann, Dr. Eike Spielberg and Anja-Verena Mudring</b> <i>"Dissolving manganese(II) bromide in polymeric ionic liquids - species formation studied by spectroscopy"</i>
11	<b>Kai Richter, Stefanie Hoffmann, Alfred Ludwig and Anja-Verena Mudring</b> <i>"Novel Routes to Metal Nanoparticles via Ionic Liquids"</i>
12	<b>Julian Schaumann, Gabi Schierning, Stephan Schulz, Anja-Verena Mudring</b> <i>"Thermoelectric Materials from Ionic Liquids"</i>
13	<b>Severing Schindler</b> <i>"Isothermal Calorimetric Titrations on Charge-Assisted Halogen Bonds"</i>
14	<b>Kathrin Stappert, Mei Yang, Derya Ünal, Marina Sturm and Anja-Verena Mudring</b> <i>"Utilizing Long Chain Bearing Imidazolium Ionic Liquids for Nanoparticle Synthesis"</i>
15	<b>Laura Wollny</b> <i>"Developing a THz source for single conformation spectroscopy of solute-solvent clusters"</i>
16	<b>Damla Yaprak, Eike Spielberg and Anja-Verena Mudring</b> <i>"Functional Ionic Liquids"</i>
17	<b>Gabriella Tessitore and Prof. Dr. Anja-Verena Mudring</b> <i>"Functional Materials from Ionic Liquids"</i>
18	<b>Paolo Costa</b> <i>"Hydrogen Bonding Switches the Spin State of a Carbene from Triplet to Singlet"</i>
19	<b>Stefan Henkel</b> <i>"Hydrogen as nonconventional solvent in matrix isolation"</i>
20	<b>Kar Bishnu</b> TBA
21	<b>Joel Mierez Perez</b> <i>"High Spin nitrenes: stable intermediates in water at low temperatures"</i>
22	<b>Sandra Müller</b> TBA
23	<b>Genevieve Richter</b> <i>"The phenylchlorocarbene as a hydrogen bond acceptor. A matrix isolation study"</i>
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