

FAX-Registration

(+49 5323 72 3184)

Hereby I register for the Bunsen-Discussion Meeting from November 23-25, 2008.

Name:

Affiliation / Company:

Address:

Telephone:

Email:

- Participant
 Conference Dinner *(24th of November)
- Accompanying Person
 Conference Dinner *(24th of November)

*Not included in the conference fee!

Telefax:
+49(0)5323 72 3184

Registration Fee

	Participant	Accompanying Person
Registration Fee	100 €	40 €
Late Registration at the conference	120 €	50 €
Students	60 €	

Full refunds will be given for cancellations received until November 1st, 2008. A 30 € processing fee will be charged on refund requests received later than November 1st, 2008. Registration fee includes coffee, snacks, beverages and lunch on the conference site and the shuttle service.

Terms of Payment

Please transfer the registration fee up to October 15th, 2008 to the following bank account:

TU Clausthal
Note to payee: 7801 7100
Sparkasse Goslar/Harz
Account Number: 22 111
Bankleitzahl: 268 500 01
IBAN: DE44 26850001 0000022111
Swift/BIC Code: NOLADE21GSL

Contact

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Robert-Koch-Str. 42
D-38678 Clausthal-Zellerfeld
<http://www.bunsen2008.tu-clausthal.de>
<http://www.bunsen.de>



Bunsen Discussion Meeting
November 23 - 25, 2008

Influence of Ionic Liquids
on chemical and physico-
chemical reactions
2nd Circular



Aula Academica
Clausthal University of Technology
D-38678 Clausthal-Zellerfeld



Invitation

Ionic liquids have gained meanwhile a worldwide interest as promising solvents for a variety of processes in chemistry, physics and engineering. This variety is on the one hand due to the enormous variety of ionic liquids (at least 10^9 different liquids should be feasible), on the other hand ionic liquids have quite fascinating properties: most of the hitherto known ionic liquids have vapour pressures around 10^{-11} - 10^{-10} bar at room temperature. In fact this is negligible and as a consequence ionic liquids have no smell. Even at elevated temperatures the vapour pressure is that small that they can usually not be distilled at reasonable rates. Distillation would be a highly welcome routine for purification as purity is still one of the major concerns. There are other remarkable properties such as wide electrochemical windows ($\sim \pm 3$ Volt vs. NHE), wide thermal windows ($\sim -50^\circ\text{C}$ - $+250^\circ\text{C}$) and varying cation- anion interactions that make ionic liquids extremely interesting for fundamental research. There is a rising number of publications now demonstrating that anions or cations can influence chemical and physicochemical reactions. Solubility of chemical compounds can be totally different if just the cation of an ionic liquid is different. Electrodeposition of metals and semiconductors can be tuned from microcrystalline to nanocrystalline just by varying the cation. Variation of the anion can lead to nanocrystalline anatase or nanocrystalline rutile. Chiral ionic liquids can influence the reaction pathway of a chemical reaction. Solvated electrons behave different in different ionic environments, and so on. It is likely that new processes can be developed where just by variation of the cations or anions of ionic liquids different products are achievable. This International Bunsen Discussion Meeting, which is in cooperation with the DFG priority program SPP1191-Ionic Liquids has the aim to shed more light on these effects and to discuss these effects. It is planned to have a special issue of a peer-reviewed journal on the topic of this meeting.

The following people have agreed to give plenary lectures:

- Prof. Dr. K. Seddon, QUILL, Belfast, UK
- Prof. Dr. R. Rogers, QUILL, Belfast, UK
- Prof. Dr. H. Ohno, Tokyo, Japan
- Prof. Dr. Y. Katayama, Yokohama, Japan
- Prof. Dr. R. Ludwig, Rostock, Germany
- Prof. Dr. S. Baldelli, Houston, USA

Scientific Committee

Prof. Dr. Frank Endres, Clausthal-Zellerfeld
Mail: Frank.Endres@tu-clausthal.de
Prof. Dr. M. Antonietti, Potsdam-Golm
Prof. Dr. A. Heintz, Rostock

Travel

By car:

From Hanover and Kassel: Highway A7 to exit Seesen; road B243 direction Osterode; after approx. 5 km road B242 to Clausthal-Zellerfeld.

From Berlin: Highway A2 to Kreuz Braunschweig- Nord; highway A391 to Dreieck BS-Südwest, from here direction Bad Harzburg; highway A395 to Bad Harzburger Dreieck; road B6 direction Goslar; from Goslar road B241 to Clausthal- Zellerfeld.

From Leipzig: Road B80 to Nordhausen; road B243 direction Osterode; from Osterode road B241 to Clausthal-Zellerfeld.

By airplane:

The nearest international airport is Hannover (HAJ), approx. 100 km from Clausthal-Zellerfeld.

A Shuttle Service from the Railwaystation Goslar and from Hannover Airport is offered.

Blocks of sleeping-rooms are being held for the “Bunsen Discussion Meeting” at the following hotels:

Hotel Friese

Burgstätter Str. 2
D – 38678 Clausthal-Zellerfeld
Phone: +49 (0)5323 93810
FAX: +49 (0)5323 9381 99
<http://www.hotel.friese.harz.de/>

Hotel Goldene Krone

Kronenplatz 3
D – 38678 Clausthal-Zellerfeld
Phone: +49 (0)5323 9300
FAX: +49 (0)5323 930 100
<http://www.goldenekrone.harz.de/>

Parkhotel Calvör

Treuerstr. 6
D – 38678 Clausthal-Zellerfeld
Phone: +49 (0)5323 9500
FAX: +49 (0)5323 950 222
<http://www.parkhotel.calvoer.harz.de/>

Wolf's Hotel

Goslarsche Str. 60
D – 38678 Clausthal-Zellerfeld
Phone: +49 (0)5323 81014
FAX: +49 (0)5323 81015
<http://www.wolfs-hotel.de/>

Harzhotel zum Prinzen

Goslarsche Straße 20
D – 38678 Clausthal-Zellerfeld
Phone: +49 (0)5323 9661-0
FAX: +49 (0)5323 9661-10
<http://www.zum-prinzen.de/>

As November is usually quite busy in Clausthal make your reservations early. The room rate is between 40€ and 80€ per night and person.