

## Registration

The fee for registration is € 100 for non-speaking participants and € 25 for students (including PhD students but not for post-doctoral fellows). The fee includes all coffee breaks and the conference dinner on Thursday evening. The registration process for the AGICHEM 2011 Conference has to be done online via the internet address:

<http://www.agichem2011.unitt.de>

If you have any questions relating to your online registration please contact:

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Veranstaltungsmanagement  
Seminarstraße 2  
69117 Heidelberg

## Accommodation

Accommodation may be booked via the Conference Homepage (<http://www.agichem2011.unitt.de>)

Since there are several other conferences at Heidelberg during that period and a popular fair at the weekend following our conference, the number of available rooms is limited. This means that some participants might have to book accommodation outside the inner city.

## Correspondence

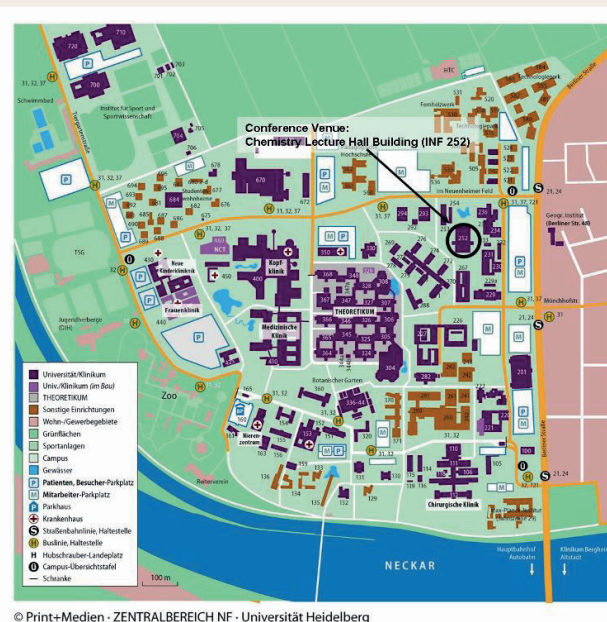
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## How to get to Heidelberg

Coming from the A 5, change to the A 656 direction Heidelberg at the motorway intersection Heidelberg; coming from the A 6, change to the A656 at the motorway intersection Mannheim.

## By Train Heidelberg Main Station:

Heidelberg can be reached via the Deutsche Bahn intercity connection. For timetable inquiries see Deutsche Bahn.

## How to get to the "Neuenheimer Feld"

### Approaching from the motorway:

Turn left towards "Chirurgie" at the end of the motorway. Having crossed the Neckar on Ernst-Waltz-Brücke turn left to the institutes.

### Approaching from Neckargemünd:

Follow Uferstrasse, then turn into Posseltstraße; having turned left into Jahnstraße or right into Berliner Straße, finally turn left to reach the institutes.

## Public Transport to the "Neuenheimer Feld":

At the Main Station, take bus line 33 or tram lines 1 and 4. From the old city centre take bus line 12 going to Neuenheimer Feld departing at the University Square

# AGICHEM 2011 (Anglo-German Inorganic Chemistry)

## 8th International Conference on Inorganic Chemistry

21-23 September 2011  
Heidelberg (Germany)

## A joint conference of

Wöhler-Vereinigung für  
Anorganische Chemie (GDCh)

and

Dalton-Division of  
the Royal Society of Chemistry

## Introduction

It is our pleasure to welcome you to the 8th AGICHEM conference held in Heidelberg in September 2011. This series of conferences which was first launched in 1991, brings together chemists from Germany and the UK and allows them to learn and discuss recent developments in Inorganic Chemistry. Given the success of the previous meetings, we look forward to an equally stimulating event.

## Supporters

We are grateful to the following organisations for their assistance and generous sponsorship of the meeting: the Royal Society of Chemistry, Gesellschaft Deutscher Chemiker, Deutsche Forschungsgemeinschaft (DFG).

## Location

The symposium will be held at the Heidelberg University Campus "Im Neuenheimer Feld":

Chemistry Lecture Hall Building  
Im Neuenheimer Feld 252  
69120 Heidelberg (Germany)

## Organising Committee

Lutz H. Gade (Heidelberg) • Peter Tasker (Edinburgh)  
Markus Enders (Secretary, Heidelberg) • Neil Champness (Nottingham) • Ben Ward (Cardiff) • Claudia Wickleder (Siegen)

## Poster Contributions

There will be a Poster Session and we encourage participants, particularly postgraduate students, to present a poster. The deadline for poster submissions is 31.7.2011.

The maximum place available for Posters is A0, portrait mode (i.e. 841 x 1198 mm).

Poster Abstracts will be made available to the participants in the Book of Abstracts. Therefore a one page abstract is required. A template (in Microsoft word format) can be downloaded here: <http://www.rzuser.uni-heidelberg.de/~gn1/agichem2011.doc>  
Please create a black/white pdf file and send the pdf and the source file (preferably MS Word format) by e-mail to: [agichem2011@uni-heidelberg.de](mailto:agichem2011@uni-heidelberg.de)

## Invited Speakers and Scientific Programme

This conference covers a broad range of topics, including inorganic materials and solid state chemistry, coordination chemistry, organo-metallic synthesis and molecular catalysis.

### Wednesday September 21

- 12:00 Registration
- 13:30 Introductory Remarks
- 13:45 Robin Perutz (York): *Towards CO<sub>2</sub> reduction with inorganic photochemistry*
- 14:15 Manfred Scheer (Regensburg): *The Magic of Polyphosphorus Compounds*
- 14:45 Deborah Kays (Nottingham): *Structure and Reactivity of Coordinatively and Electronically Unsaturated Complexes*
- 15:15 Coffee Break
- 15:45 Thomas Fässler (München): *Discrete Intermetallic Clusters in Solution and in Neat Solids*
- 16:15 John Slattery (York): *Computational Approaches to Understanding Alkyne Transformations and Non-innocent Ligand Effects in Organometallic Chemistry and Catalysis*
- 16:45 Stefanie Dehnen (Marburg): *On the Colorful Diversity upon a Simple Approach: Chemistry with Binary Main Group Element Aggregates*
- 17:15 Andrew Weller (Oxford): *Catching the First Insertion Events in the Transition-Metal Catalysed Formation of Polyaminoboranes: B–N Analogs of Polyolefins.*
- 18:00–20:00 Poster Session

### Thursday Sept. 22

- 09:00 Michael Ruck (Dresden): *Metastable Metals and Unconventional Superconductors by Low Temperature Syntheses*
- 09:30 Matt Rosseinsky (Liverpool): *Targetted synthesis of inorganic materials for energy applications*
- 10:00 Sven Schneider (Erlangen): *Cooperative M(PNP)-pincer platforms for small molecule activation*
- 10:30 Coffee Break
- 11:00 Dominic Wright (Cambridge): *Catalytic and Stoichiometric Bond-Forming Reactions Using Main Group Metals*
- 11:30 Oliver Wenger (Göttingen): *Phototriggered Long-range Electron Transfer in Donor-Bridge-Acceptor Molecules*

- 12:00 Rab Mulvey (Strathclyde): *FascinATES: two Metals Working Together to Create Novel Metallation Chemistry*
- 12:30 Lunch Break
- 14:00 Reiner Anwander (Tübingen): *Nanostructured Catalysts via Silylamide Grafting*
- 14:30 Andrew Goodwin (Oxford): *Anomalous Mechanical Behaviour in Flexible Framework Materials*
- 15:00 Andreas Grohmann (Berlin): *Of Podands and Pincers and Iron and Copper*
- 15:30 Coffee Break
- 16:00 Ivan Parkin (UCL): *Deposition of metal oxide and metal oxide – nanocomposite films by CVD*
- 16:30 Franc Meyer (Göttingen): *Metal Centers Acting in Concert: Multistable Spin and Redox Switches*
- 17:00 Jonathan Nitschke (Cambridge): *Molecular Systems Architecture: from Complexity to Function*
- 17:30 Bettina Lotsch (München): *There's Plenty of Room "inside": Porous Nanostructures as Sensitive Detection and Reaction Platforms*
- 19:30 Conference Dinner

### Friday Sept. 23

- 09:00 Polly Arnold (Edinburgh): *Small Molecule Activation and Reductive Functionalisation of the Uranyl Oxo group in Pacman-shaped Complexes*
- 09:30 Jun Okuda (Aachen): *Molecular Hydrides of Group 2, 3 and 4 Metals*
- 10:00 Richard Layfield (Manchester): *Organometallic Routes to Lanthanide Single-Molecule Magnets*
- 10:30 Coffee Break
- 11:00 Matthias Driess (Berlin): *Challenges in Metalorganics for Energy-Saving Materials and Catalysis*
- 11:30 Euan Brechin (Edinburgh): *A molecule on a chip, on a fridge, in space*
- 12:00 Karsten Meyer (Erlangen): *N-Heterocyclic Carbene Complexes of Iron in Trigonal Ligand Environments: From High-Valent Iron Nitrides to Ammonia Synthesis*
- 12:30 Closing Remarks
- 12:40 End of the Meeting