

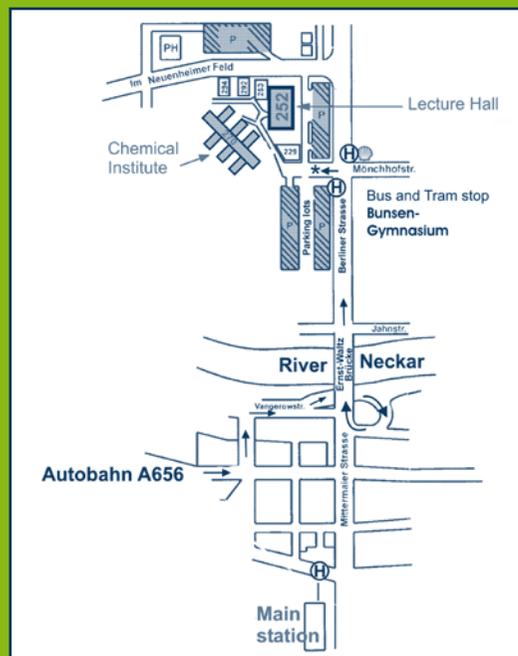
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How to reach us



By car:

At the end of autobahn A656 turn left at the traffic light and follow the sign "Chirurgie" until you are on the bridge ("Ernst-Waltz Brücke"). Go straight on "Berliner Straße" to the second traffic light (ahead on the right side there is a Shell petrol station) and turn left into the "Neuenheimer Feld". (*) At the following crossroads go straight and then turn right after 50 meters. You will find the Chemistry Institutes to your left and after a distance of 100 meters the lecture hall (Hörsaalzentrum Chemie) to your right.

By public transport:

From the main train station: Take the tram line 21 or 24 (direction "Handschuhsheim") and leave at the third stop ("Bunsen-Gymnasium"). You will face the Shell petrol station. Cross the street towards the opposite side and turn into "Neuenheimer Feld". Follow now the instructions "by car" at (*).

From the historic city center: Take the bus line 31 (direction "Neuenheimer Feld, Sportzentrum Nord") departing from "Universitätsplatz" or "Bismarckplatz". Leave at the stop "Bunsen-Gymnasium" and you will face the Shell petrol station. Cross the traffic lights straight and get into the "Neuenheimer Feld". Follow now the instructions "by car" at (*).

Heidelberg Forum of Molecular Catalysis



November 6, 2009

Main auditorium

Chemistry lecture building

Im Neuenheimer Feld 252

Heidelberg

Jointly organized by the University of Heidelberg,
BASF SE and Sonderforschungsbereich 623
"Molekulare Katalysatoren"

SFB
623



BASF
The Chemical Company

Heidelberg Forum of Molecular Catalysis

The **Heidelberg Forum of Molecular Catalysis 2009** is the 5th event in a series of international symposia, which take place every other year. It is again a forum for the presentation of outstanding scientific achievements – plenary lectures and posters given by leading researchers in the field of molecular catalysis – which is jointly organized by the University of Heidelberg, the Collaborative Research Center (Sonderforschungsbereich 623) “Molecular Catalysts: Structure and Functional Design” established by the German National Science Foundation within the Heidelberg Faculty of Chemistry and Earth Sciences in 2002, and by BASF SE, the sponsor of this event.

Molecular catalysis is one of the primary fields of research in the university’s chemistry department and also plays a key role in the chemical industry.

Through its involvement, BASF is promoting the collaboration of the University of Heidelberg with other research institutes throughout the world. This support also demonstrates the great importance that the company attaches to research and innovation.

The forum aims to emphasize the important role of the Rhine-Neckar region in science, thus attracting the interest of young scientists from around the world. The **BASF Catalysis Award 2009**, worth € 10,000, will be presented to an outstanding young researcher at the forum.

The Prizewinner: Prof. Dr. Melanie S. Sanford



Melanie Sanford grew up in Providence, Rhode Island. She received her undergraduate degree in chemistry from Yale University in 1996. She then pursued her Ph.D. with Professor Bob Grubbs at Caltech and a post-doctoral appointment with Professor Jay Groves at Princeton University as an NIH post-doctoral fellow. Melanie Sanford has been a professor at the University of Michigan since the summer of 2003.

Research in her group focuses on problems at the interface of organic and inorganic chemistry. Her work focuses particularly on evaluating reactions between organic substrates and transition metals to address current challenges in organic synthesis. Topics of interest include the development of catalysts for the selective oxidative functionalization of C-H and C-C bonds and the development of new transition metal catalyzed methods for the oxidative elaboration of olefins and alkynes. Her research relies heavily on mechanistic investigations to direct both the development and optimization of catalytic processes.

Melanie Sanford received the Presidential Early Career Award for Scientists & Engineers, the ACS Arthur C. Cope Scholar Award, the Alfred P. Sloan Research Fellowship, the NSF Career Award, the Bristol Myers Squibb “Freedom to Discover” Award and the Camille and Henry Dreyfus New Faculty Award. Her achievements also have been acknowledged with numerous awards from industry sponsors (Roche, GlaxoSmithKline, Abbott, AstraZeneca, Eli Lilly, Amgen, Boehringer Ingelheim) during the last years. Most recently Melanie Sanford was named one of the Popular Science Brilliant Ten.

9 a.m.	Opening
9.30 a.m.	Prof. Dr. Robert G. Bergman University of California, Department of Chemistry, Berkeley, USA “Selective Stoichiometric and Catalytic Reactions in Water-Soluble Host-Guest Supramolecular Systems”
10.30 a.m.	Poster session
11 a.m.	BASF’s 2009 Catalysis Award ceremony Lecture by the prizewinner Prof. Dr. Melanie S. Sanford University of Michigan, Department of Chemistry, Ann Arbor, Michigan, USA “Pd(II/IV) Catalyzed Reactions in Organic Synthesis”
12.30 p.m.	Poster session
4 p.m.	Prof. Dr. Kyoko Nozaki University of Tokyo, Department of Chemistry and Biotechnology, Graduate School of Engineering, Tokyo, Japan “Coordination Polymerization of Polar Monomers”
5 p.m.	Prof. Dr. Alois Fürstner Max-Planck-Institut für Kohlenforschung, Mülheim/Ruhr, Germany “Cheap and Expensive Ways to Catalyze C-C-Bond Formations”
6 p.m.	Poster session/social get-together and dinner