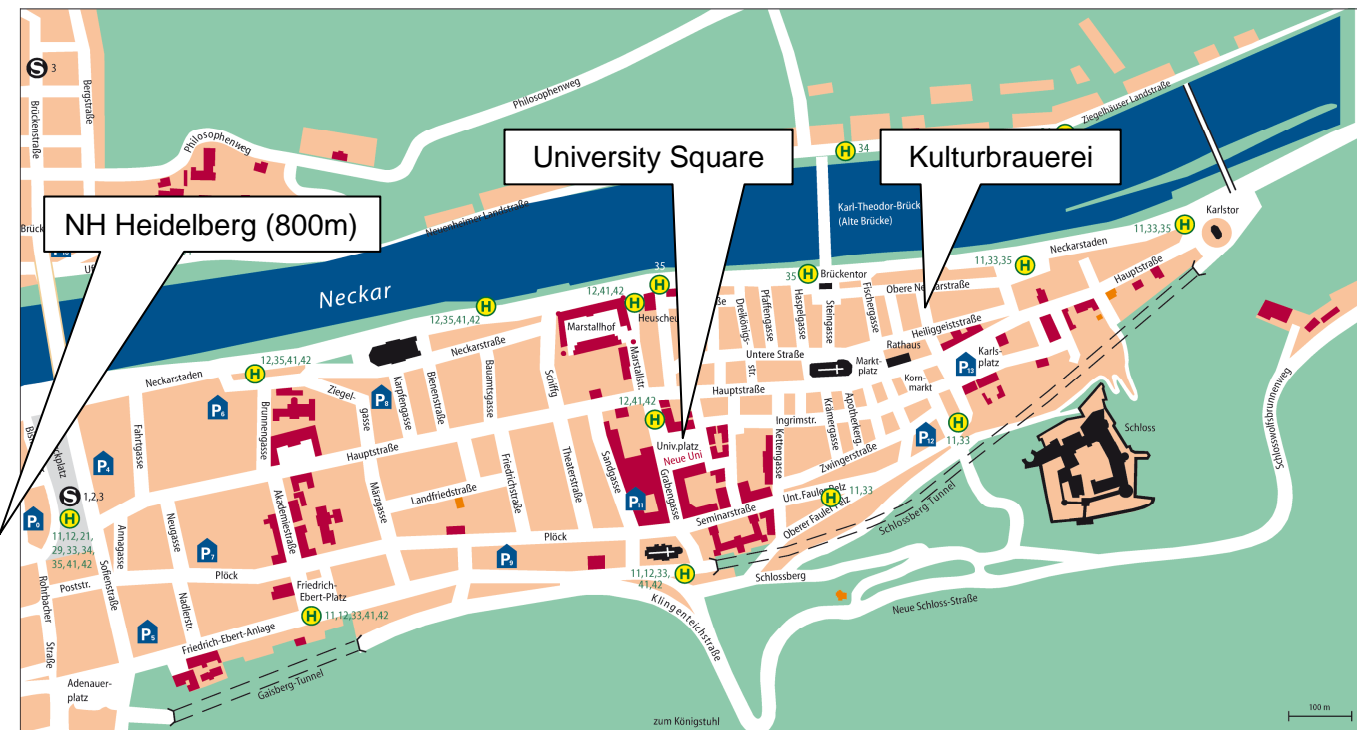


Location:
The meeting will take place at the NH-Hotel, Bergheimer Strasse 91, 69115 Heidelberg



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From NH Heidelberg to University Square

Walking

- turn right onto Bergheimer Str. (800m)
- cross Bismarckplatz
- turn into Hauptstraße (900m)
- turn right into Grabengasse (50 m)

Public Transportation:

- turn right onto Bergheimer Str. to bus station „Römerstraße“ (300 m)
- take Bus 32 to Universitätsplatz

From NH Heidelberg to Kulturbrauerei

Walking

- turn right onto Bergheimer Str. (800 m)
- cross Bismarckplatz
- turn into Hauptstraße (1500 m)
- turn left into Leyergasse (15m)

Public Transportation:

- turn left onto Bergheimer Str. to bus station „Volkshochschule“ (100m)
- take Bus 35 to Neckarmünzplatz

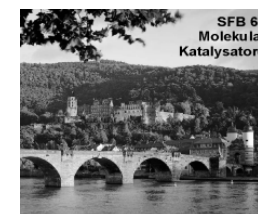
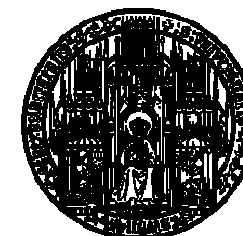
Sonderforschungsbereich 623
www.sfb623.uni-hd.de
Chairman: Prof. Dr. Lutz H. Gade

JOINT WORKSHOP

UNIVERSITY OF CALIFORNIA, BERKELEY
NORTHWESTERN UNIVERSITY, EVANSTON
ARGONNE NATIONAL LABORATORY
UNIVERSITY OF HEIDELBERG

“CATALYSIS: ADVANCES AND PERSPECTIVES”

SEPTEMBER 3-4, 2010
HEIDELBERG, GERMANY



Organized by the Collaborative Research Center (SFB 623) “Molecular Catalysts: Structure and Functional Design” of the University of Heidelberg

PROGRAM OF THE JOINT WORKSHOP - OVERVIEW

	FRIDAY, SEPTEMBER 3rd		SATURDAY, SEPTEMBER 4th
08:45 – 09:00	<i>Opening and Welcome</i>		
09:00 – 09:40	<i>Toward An Organometallic Solar-Thermal Device</i> K. Peter C. Vollhardt (Berkeley)	09:00 – 09:40	<i>First principles studies of nanoscale effects on catalytic activity and selectivity</i> Larry A. Curtiss (Argonne NL)
09:40 – 10:20	<i>Gold Catalysis: New Ligands and New Intermediates</i> A. Stephen K. Hashmi (Heidelberg)	09:40 – 10:20	<i>Integration of Organic Synthesis and Chromatography: New Routes in the High-Throughput Screening of Catalysts</i> Oliver Trapp (Heidelberg)
10:20 – 10:40	<i>Coffee Break</i>	10:20 – 10:40	<i>Coffee Break</i>
10:40 – 11:20	<i>Molecular Modeling of Oxidation Catalysis in Metal-Organic Frameworks</i> Randall Q. Snurr (Northwestern)	10:40 – 11:20	<i>A supramolecular Enzyme Mimic: 10⁶ Rate Enhancement and Chiral Selectivity in a Cluster Assembly</i> Kenneth N. Raymond (Berkeley)
11:20 – 12:00	<i>On the regulation and mechanism of EAL phosphodiesterases</i> Ilme Schlichting (Heidelberg)	11:20 – 12:00	<i>Variation of structure, electronics and reactivity of nonheme iron oxidation catalysts</i> Peter Comba (Heidelberg)
12:00 – 12:30	<i>4 flash presentations (ca. 5 min each)</i> Marc Johnson (Argonne NL) Gregor Jung (Heidelberg) Günter Klatt (Heidelberg) Stefan Fischer (Heidelberg)	12:00 – 12:30	<i>4 flash presentations (ca. 5 min each)</i> Tobin J. Marks (Northwestern) Chang Won Yoon (Berkeley) Markus Enders (Heidelberg) Doris Kunz (Heidelberg)
12:30 – 14:30	<i>Lunch Break</i>	12:30 – 14:30	<i>Lunch Break</i>
14:30 – 15:10	<i>The Development of Traceless Organic Transformations</i> Regan J. Thomson (Northwestern)	14:30 – 15:10	<i>Metal-Organic Frameworks (MOFs) and Porous Organic Polymers (POPs) as versatile platforms for the deployment of homogeneous catalysts</i> SonBinh T. Nguyen (Northwestern)
15:10 – 15:50	<i>Ir-Catalyzed Asymmetric Allylic Substitutions with Ir-Complexes of P,C-ligands - Mechanistic Aspects</i> Günter Helmchen (Heidelberg)	15:10 – 15:50	<i>Nucleic Acids as Catalysts and Regulators</i> Andres Jäschke (Heidelberg)
15:50 – 16:10	<i>Coffee Break</i>	15:50 – 16:10	<i>Coffee Break</i>
16:10 – 16:50	<i>New pathways in metal-mediated transformations of organosilicon compounds</i> T. Don Tilley (Berkeley)	16:10 – 16:50	<i>Beyond Lewis Acidity: New Aluminum Complexes For Organometallic Catalysis</i> Jürgen Koller (Berkeley)
16:50 – 17:30	<i>Bulky Small Bite-Angle Bisphosphines in Ru- and Ni-Catalyzed Olefin Polymerization</i> Peter Hofmann (Heidelberg)	16:50 – 17:30	<i>C-N Coupling Reactions Involving Group 4 Metal Hydrazinediides</i> Lutz H. Gade (Heidelberg)
17:30 – 18:00	<i>4 flash presentations (ca. 5 min each)</i> Harold Kung (Northwestern) David Hanna (Berkeley) Hans-Jörg Himmel (Heidelberg) Dirk Menche (Heidelberg)	17:30 – 18:00	<i>3 flash presentations (ca. 5 min each)</i> Casey Brown (Berkeley) Peter Stair (Northwestern) Dirk-Peter Herten (Heidelberg)
18:15 – 22:00	<i>Light Dinner, Poster Session</i>	19:30	<i>Joint Dinner at the "Kulturbrauerei" (Leyergasse 6)</i>