

## Location

**Henry Ford Building  
of the Free University,  
Garystraße 35  
14195 Berlin-Dahlem Berlin**



## Local Organizing Committee

**Klaus Christmann, Freie Universität Berlin  
Matthias Driess, Technische Universität Berlin  
Hajo Freund, Fritz-Haber-Institut, MPG, Berlin  
Christian Limberg, Humboldt-Universität zu Berlin  
Joachim Sauer, Humboldt-Universität zu Berlin**



## Sponsors



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www.ishhc15.de



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# International Symposium on Relations between Homogeneous and Heterogeneous Catalysis

## ISHHC-XV

**Berlin, Germany  
September 11 - 16, 2011**

[www.ishhc15.de](http://www.ishhc15.de)

## Aim

**T**he aim of this international symposium is to bring together practitioners in the three fields of catalysis, heterogeneous, homogeneous and enzyme, that utilize mostly nanosize particles. Recent advances in instrumentation, synthesis and reaction studies permit the nanoscale characterization of the catalyst systems, often for the same reaction, under similar experimental conditions. It is hoped that this circumstance will permit the development of correlations of these three different fields of catalysis on the molecular level. To further this goal we aim to uncover and focus on common concepts that emerge from nanoscale studies of structures and dynamics of the three types of catalysts.

**A**nother area of focus that will be addressed is the impact on and correlation of nanosciences with catalysis. There is information on the electronic and atomic structures of nanoparticles and their dynamics that should have importance in catalyst design and catalytic activity and selectivity.

**T**he local organizing committee of the XV. ISHHC offers three poster awards for students sponsored by the American Chemical Society. The winners will be announced by the end of the conference. Each winner will receive 300 Euro.



Fritz Haber Institute of the Max Planck Society

## Conference Fees

<b>Full Conference Registration:</b>	<b>370,00 €*</b>
<b>PostDocs Full Conference Registration:</b>	<b>230,00 €*</b>
<b>Students Full Conference Registration:</b>	<b>0,00 €**</b>
<b>Conference Dinner:</b>	<b>80,00 €</b>

## Important Dates

<b>1st Announcement:</b>	<b>Oct. 31, 2010</b>
<b>2nd Announcement:</b>	<b>Feb. 1, 2011</b>
<b>Deadline for abstract submission:</b>	<b>June 15, 2011</b>
<b>Registration:</b>	<b>June 30-2011</b>
<b>Payment Deadline:</b>	<b>July 15-2011</b>
<b>Accommodation Deadline:</b>	<b>July 15-2011</b>
<b>Conference Welcome:</b>	<b>Sept. 11-2011</b>

\*) accomodation not included

\*\*\*) accomodation and lunch not included

## Invited -Speaker

### Plenary Speaker

<b>Fraser Armstrong</b>	<b>Oxford</b>
<b>Avelino Corma</b>	<b>Valencia</b>
<b>Kazunari Domen</b>	<b>Tokio</b>
<b>Cynthia Friend</b>	<b>Harvard</b>
<b>John F. Hartwig</b>	<b>Urbana</b>
<b>Donald Hilvert</b>	<b>Zürich</b>
<b>Graham Hutchings</b>	<b>Cardiff</b>
<b>William D. Jones</b>	<b>Rochester</b>
<b>Amy Rosenzweig</b>	<b>Northwestern</b>
<b>Joachim Sauer</b>	<b>Berlin</b>
<b>Ilme Schlichting</b>	<b>Heidelberg</b>
<b>Peter Wasserscheid</b>	<b>Erlangen</b>
<b>Itamar Willner</b>	<b>Jerusalem</b>

### Keynote Speaker

<b>Jan-E. Bäckvall</b>	<b>Stockholm</b>
<b>Siegfried Blechert</b>	<b>Berlin</b>
<b>Silvia Bordiga</b>	<b>Torino</b>
<b>Odile Eisenstein</b>	<b>Montpellier</b>
<b>Can Li</b>	<b>Dalian</b>
<b>Tobin Marks</b>	<b>Northwestern</b>
<b>Ronny Neumann</b>	<b>Rehovot</b>
<b>Justin Notestein</b>	<b>Northwestern</b>
<b>Unni Olsbye</b>	<b>Oslo</b>
<b>Roy A. Periana</b>	<b>Florida</b>
<b>Robert Schlögl</b>	<b>Berlin</b>
<b>Shannon Stahl</b>	<b>Madison</b>
<b>Mizuki Tada</b>	<b>Okazaki</b>