

How to reach us



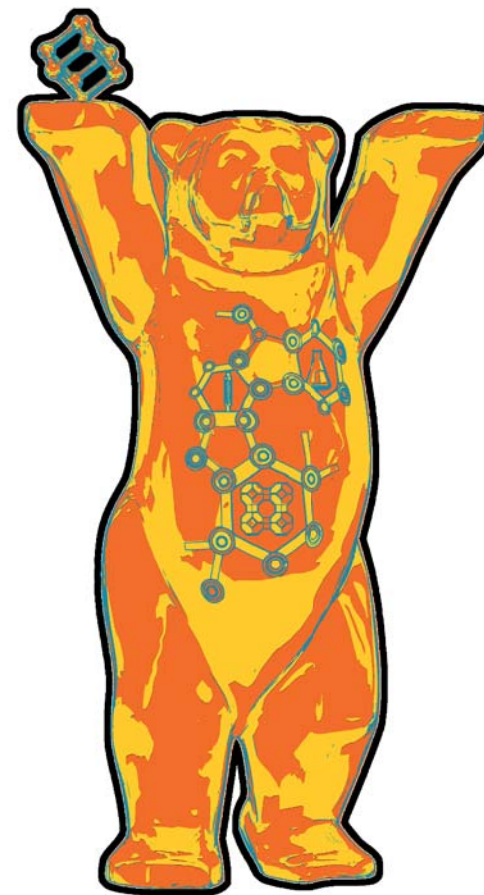
Public Transportation

Zoologischer Garten: U (subway), S (city train),
DB (regional train), BUS

Ernst-Reuter-Platz: Line U2 (subway), BUS

Tiergarten: S (city train)

For more information visit
www.unicat-berlin.de/10anniversary



UniCat & BIG-NSE 10th Anniversary

Wednesday July 12, 2017

- 09:00 President TU Berlin, **Christian Thomsen**
- 09:05 State Secretary **Steffen Krach**
- 09:15 Chair of UniCat, **Matthias Driess**, TU Berlin
Introduction
- 10:00 **Petra de Jongh**, Utrecht University
Supported coinage metal catalysts - particle size and support effects
- Coffee break
- 11:05 **Joachim Sauer**, HU Berlin
Activation of small molecules on oxide surfaces - theory and experiment
- 11:50 **Linda Broadbelt**, Northwestern University
Reaction pathway discovery and analysis: bringing biological and chemical catalysis together
- Lunch break
- 14:00 **Reinhard Schomäcker**, TU Berlin
Design of OCM catalysts and reactors guided by fundamental research results
- 14:45 **Tobin Marks**, Northwestern University
Catalytic transformations built on the interplay of main group and transition elements
- Coffee break
- 15:50 **Robert Schlögl**, FHI Berlin
Dynamics of active sites in heterogeneous catalysis
- 16:35 Poster session with snacks and drinks in the TU atrium (Lichthof)

Thursday July 13, 2017

- 09:00 **Doug Rees**, California Institute of Technology
Ironing out the nitrogenase mechanism
- 09:45 **Peter Hegemann**, HU Berlin
Enzymatic and vectorial catalysis as the basis for optogenetics in neuroscience
- Coffee break
- 10:50 **Marc Fontecave**, College de France
Catalysis for energy storage: enzymes, artificial enzymes and bioinspired materials
- 11:35 **Oliver Lenz**, TU Berlin
H₂ activation from a bio-physical-chemical point of view
- Lunch break
- 14:00 **Frank Neese**, MPI for Chemical Energy Conversion
A 'theoretical spectroscopy' approach to catalysis: perspectives and opportunities
- 14:45 **Kallol Ray**, HU Berlin
Chemical activation of dihydrogen, dioxygen, water, and hydrogen peroxide
- Coffee break
- 15:50 **Steven Boxer**, Stanford University
Electric fields and enzyme catalysis
- 17:00 Reception in the TU atrium (Lichthof)

Friday July 14, 2017

- 09:00 **Martin Oestreich**, TU Berlin
Introduction
- 09:15 **Patrick Littlewood**, Northwestern University
Precise catalyst modification by atomic layer deposition for methane dry reforming
- Coffee break
- 10:30 **Jian Li**, Northwestern University
Cell-free synthetic biology for the next-generation biomanufacturing
- 11:15 **Amandine Guiet**, Université du Maine
Pleasures and challenges of being an associate professor in France: a personal review
- Lunch break
- 13:30 **Heiner Schwarz**, Clariant
Clariant's idea-to-market innovation process – catalyst development for N₂O emission reduction in nitric acid plants
- 14:15 **Florian Heims**, Continental
A chemist transforms into an engineer – My experiences as Continental Trainee
- 15:00 **Bartłomiej Krawczyk**, Boehringer Ingelheim
From academia to industry: my personal experience
- Coffee break
- 16:00 Panel discussion
- 17:20 Awarding ceremony BIG-NSE fellows 2016/17
- 18:30 Get-together