

UniCat Minisymposium: Research Area E2 (Bio)Chemistry of enzymatic CO_x conversions

Thursday, November 7th, 2013

TU Berlin, Gerhart-Ertl-Center, Building Bel
Marchstraße 6, 10623 Berlin, Meeting Room BEL 301

Please note updates of events on www.unicat.tu-berlin.de

Time	Lecturer	Title
09:15	Holger Dobbek	<i>Welcome</i>
09:30	Anna Fischer	<i>Nanostructured Transparent Electrodes for Enzyme Immobilization</i>
10:00	Tobias Hartmann	<i>Formate Dehydrogenase from Rhodobacter capsulatus - a good candidate for fuel cells and cofactor regeneration systems?</i>
10:30	Christian Teutloff	<i>Monitoring Domain Rearrangements in the Corrinoid/Iron-Sulfur Protein by pulsed EPR spectroscopy</i>
11:00	Coffee break	
11:30	Jochen Fessler	<i>Structural insights into enzymatic CO_x-transformers: Ni,Fe-CODH / ACS</i>
12:00	Shadan Ghassemi	<i>Quantum Chemical Studies on the C-Cluster of Ni,Fe-CODH</i>
12:30	Alexandre Ciaccafava	<i>Infrared spectroscopic studies of the Cyanide inhibition of the CODH</i>
13:00	Lunch Time	
14:00	Daria Tombolelli	<i>QM/MM calculation on CODH</i>
14:30	Michael Haumann	<i>CO_x activating enzymes studied by X-ray spectroscopy: first results and future directions.</i>
15:00	Xiaorong Zhang	<i>Electrocatalytic activity of the oxygen tolerant and NAD-dependent formate dehydrogenase from Rhodobacter capsulatus wired by an osmium containing polymer</i>
15:30	Holger Dobbek	<i>Closing words</i>

Organizer: Prof. Holger Dobbek (HU Berlin)

Guests are cordially invited to attend!

Prof. Dr. Matthias Driess, Chair of the Cluster of Excellence UniCat