

# UniCat Mini Symposium: Biological Catalysis

Thursday 18<sup>th</sup> November 2010

TU Berlin, Department of Chemistry, Building C, Straße des 17. Juni 115, 10623 Berlin, Hall C 130

Time	Lecturer	Group	Title
11:00 – 11:30 am	<b>Sebastian Krackl</b>	Driess (TUB)	<i>Bioinspired, Molybdenum-Based Unifying Catalysts for Oxygenations and Deoxygenations</i>
11:30 – 12:00 am	<b>Julia Hellmich</b>	Zouni (TUB)	<i>Advances in the Structural and Functional Elucidation of Cyanobacterial Photosystem II</i>
12:00 – 12:30 pm	<b>Lars Lauterbach</b>	Friedrich/Lenz (HUB)	<i>Catalytic properties of the Isolated Diaphorase Fragment of the NAD<sup>+</sup>-Reducing [NiFe]-Hydrogenase from <i>Ralstonia Eutropha</i></i>
12:30 – 1:00 pm	<b>Marius Horch</b>	Hildebrandt (TUB)	<i>In Situ and in Vitro Spectroscopic Studies on the Soluble NAD<sup>+</sup>-Reducing Hydrogenase from <i>Ralstonia Eutropha</i></i>
<b>1:00 – 2:30 pm</b>	<b>Lunch break</b>		<i>Mensa</i>
2:30 – 3:00 pm	<b>Peter Haack</b>	Limberg (HUB)	<i>Dinuclear Copper Complexes Based on Parallel <math>\beta</math>-Diiminato Binding Sites and their Reactions with O<sub>2</sub> – Evidence for a Cu-O-Cu Entity</i>
3:00 – 3:30 pm	<b>Anna Fischer</b>	Fischer (TUB)	<i>Porous Conductive Bio-Interfaces</i>
3:30 – 4:00 pm	<b>Arto Badalyan</b>	Wollenberger (UP)	<i>Electrochemical Characterization of a Novel Aldehyde Oxidoreductase from <i>E.coli</i> and Biosensor development</i>
4:00 – 4:30 pm	<b>Andre Klauss</b>	Dau (FUB)	<i>Photosynthetic Water oxidation studied by photothermal beam deflection</i>
<b>4:30 – 5:00 pm</b>	<b>Coffee break</b>		
<b>5:00 – 6:00 pm</b>	<b>Invited Talk: Prof. Amy Rosenzweig</b>	<i>The Active Site of Particulate Methane Monooxygenase</i> Northwestern University, Evanston, USA	

Organized by Prof. Silke Leimkühler (UP) and Prof. Holger Dobbek (HUB)

Guests are cordially invited to attend!

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