

Program Workshop Research Area C - 11.12.2014

Beckmannshof



08:30 - 09:00 Put up posters

09:00 - 09:10 **Welcome and overview Research Area C - Dominic Marx**

Chair: Behler

09:10 - 09:30 **Cord Betram**

"Ice and halogenated benzenes: Results and perspectives"

09:30 - 09:50 **Paul Salmen**

"X-ray reflectivity studies on solid - liquid interfaces"

09:50 - 10:10 **Mira Todorova**

"Thermodynamic stability of bulk oxides and their defects in an electrochemical environment"

10:10 - 10:30 **Fang Niu**

"Water at the germanium/electrolyte interface probed by IR spectroscopy"

10:30 - 11:00 Coffee break & poster session

Chair: Muhler

11:00 - 11:20 **Dennis Hiltrop**

"Oxidation of short-chain alcohols in the liquid phase"

11:20 - 11:40 **Alexander Lüken**

"Recent advances in the characterization of the liquid-phase short-chain alcohol oxidation"

11:40 - 12:00 **Daniel Munoz**

"Methanol oxidation at the solvated Au/TiO₂ interface: insights from MD simulations"

12:00 - 12:20 **Harun Tüysüz**

"Surface Plasmon-Assisted Glycerol Oxidation"

12:20 - 12:40 **Inke Schwedler**

"Similia Similibus Solvuntur: Hydrocarbon Separation with functionalized MOFs"

12:40 - 13:45 Lunchbuffet & poster session

Chair: Schuhmann

13:45 - 14:05 **Beibei Pang**

"Characterization of electrical double layers formed on Au (111) electrode"

14:05 - 14:25 **Qingyun Hu**

"First results: Ion laying and electric double layers at electrified gold surfaces"

14:25 - 14:45 **Jakub Tymoczko**

"Impedance spectroscopy as a tool to detect phase transitions at the electrode / electrolyte interface"

14:45 - 15:05 **Alberto Ganassin**

"Effect of spectator species on the activity of model electrocatalysts in acidic media"

15:05 - 15:35 Coffee break & poster session

Chair: Weidner			
15:35	-	15:55	Michael Degen <i>"Structure of Emulsifiers at Interfaces: From Liquid to Solid"</i>
15:55	-	16:15	Tobias Vöpel <i>"Infrared laser triggered release of bioactive compounds from single hard shell microcapsules"</i>
16:15	-	16:35	Rebecca Scholz <i>"Temperature triggered release from microcapsules"</i>
16:35	-	16:55	Victoria Jakobi <i>"Temperature dependent spectral ellipsometry measurements on hydrated 2D-interfaces"</i>
			Transfer zum Main Building
17:15		18:30	GDCH Vortrag "Titania" Prof. Katharina Al-Shamery / Physical Chemistry, Carl von Ossietzky Universität Oldenburg HNC 30
			Transfer zum Beckmannshof
19:00	-	20:00	Poster session
20:00	-	21:30	Dinner, discussion & poster session