



XV. International Symposium on Relations between Homogeneous and Heterogeneous Catalysis, Berlin, September 11 - 16, 2011

Tue

Poster Session 1

Tuesday, Sept. 13, 2011, 18:00 - 20:00

No.		Title:
HO1	Matthias Brendel	<i>Reactivity of Platinum Bis-NHC Chelate Complexes</i>
HO2	Marcel Brill	<i>Novel NHCP-Ligands for Rhodium-Catalyzed Asymmetric Hydrogenation</i>
HO3	Shoubhik Das	<i>Novel catalytic and chemoselective reduction of amides</i>
HO4	Heitor de Oliveira	<i>Acid-catalyzed hydrolysis of cellulose in organic electrolytes</i>
HO5	Stefania Denurra	<i>Iridium Based Water Oxidation Catalysis</i>
HO6	Paul Ercan	<i>Ni- and Pd-catalyzed Olefin Polymerization and Olefin/CO Copolymerization with Bulky Small Bite Angle Bisphosphines and Keim/Brookhart-type P,O-Chelate Ligands</i>
HO7	Hebert Jesus Estevez Rivera	<i>Radical addition of cyclic ethers to diethylmaleate catalyzed by $[Al(H_2O)_6]^{3+}/H_2O_2$</i>
HO8	Jan Falkenhagen	<i>Novel Transition Metal Molybdenum Complexes and their Application in Oxygenation Catalysis</i>
HO9	Sabriye Güven	<i>Hydroformylation Kinetics for Continuous Homogenous Catalysis with Integrated Membrane Separation</i>
HO10	Peter Haack	<i>Dinuclear Copper Complexes Based on Parallel π-Diiminato Binding Sites and their Reactions with O_2: Evidence for a $Cu-O-Cu$ Entity</i>
HO11	Michael Haberberger	<i>Highly Selective Iron-Catalyzed Synthesis of Alkenes via Reduction of Alkynes</i>
HO12	Saeikh Hassan	<i>Taguchi approach to investigate the rate constant of acid-catalyzed homogeneous esterification reactions</i>
HO13	Florian Heims	<i>Investigations on the Influence of Asymmetry on the O-O Bond Cleavage in a Methane Monooxygenase Model System</i>
HO14	Lenard Hussein	<i>Synthesis of Chiral Salen-type Ligands and Application in Highly Enantioselective Hydroamination</i>
HO15	Chika Inoue	<i>Nickel Pyrazoline Complexes as Catalysts for C-C Coupling Reactions</i>
HO16	Reiko Jennerjahn	<i>Unique Selectivity in Catalytic Isomerization Reactions of Olefins</i>
HO17	Alexander Khenkin	<i>Electron Transfer-Oxygen Transfer Oxygenation of Sulfides Catalyzed by the $H_5PV_2Mo_{10}O_{40}$ Polyoxometalate</i>
HO18	Sebastian Krackl	<i>Are Metal-Metal Bonds a Key to Advanced Catalysts? Highly Efficient Mono- and Polymetallic, Molybdenum Based Precatalysts for Oxidation and Deoxygenation Reactions</i>
HO19	DIPTI KUNDU	<i>Heterogeneous asymmetric organocatalysis with microporous organic polymers</i>
HO20	Kee-In Lee	<i>Palladium-Catalyzed Peripheral Arylation and Base-Promoted Diarylborination of Enolizable Heterocycles</i>
HO21	Yuehui Li	<i>Iron-catalyzed Homogeneous Asymmetric Reduction</i>
HO22	Anja Lühl	<i>Zinc-Zinc Bonded $Zn_2(C_5Me_5)_2$ as Catalyst for the Hydroamination Catalysis</i>
HO23	Evgenij Lyagin	<i>Small-scale continuous system for homogeneous biocatalysis</i>
HO24	Jose Mayoral	<i>Self-supported chiral catalysts based on polytopic bisoxazoline ligands: joining homogeneous and heterogeneous catalysis</i>
HE25	Yilmaz Aksu	<i>Single Source Precursor Approach as a Unique Way to Design Li-doped MgO on the Molecular Scale</i>
HE26	Hiroko Ariga	<i>Surface structure and reactivity of $Ni_2P(0001)$ and $(\sqrt{3}\times\sqrt{3})R120^\circ$ surfaces</i>
HE27	Arno Bergmann	<i>Structural investigations on manganese oxide based electrocatalysts for electrochemical oxygen evolution in neutral and alkaline electrolytes</i>





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HE28	Jorge Boscoboinik	<i>On the Preparation and Hydroxylation of Silicate and Aluminosilicate Films on Metal Surfaces</i>
HE29	Evert Boymans	<i>Design, synthesis and catalytic application of stabilized palladium nanoparticles</i>
HE30	Thomas Eppinger	<i>Spatially Resolved Numerical Investigation of Fixed-Bed Reactors Including Detailed Reaction Mechanism</i>
HE31	Cristina Fernandes	<i>Chiral matrices of mesoporous materials for enantioselective catalysis</i>
HE32	André Fielicke	<i>The adsorption of CO on transition metal clusters: A case study of cluster surface chemistry</i>
HE33	Anna Fischer	<i>Mesoporous Transparent Conductive Bio-Interfaces</i>
HE34	Victor Georgescu	<i>THE VALORIFICATION OF FERMENTATION BUTANOL FOR ALCOHOLIC FUELS</i>
HE35	Elena Groppo	<i>Enhancing initial polymerization rate of the reduced Phillips catalyst by one order of magnitude</i>
HE36	Thomas Risse	<i>On the activation of molecular oxygen on thin MgO(001) films</i>
HE37	Noraini Hamzah	<i>Highly Selective Glycerol Hydrogenolysis to 1,2 Propanediol over Osmium Intercalated Bentonite catalyst under mild reaction condition</i>
HE38	Jonathan Heidkamp	<i>Structural changes of a H₂-generating nickel catalyst attached on a carbon electrode</i>
HE39	Markus Heyde	<i>Growth and structure of a cage-like silica sheet on Ru(0001)</i>
HE40	Yvonne Hönemann	<i>Design of heterogenized chiral Cu(I) complexes and their application in asymmetric cyclopropanation reactions</i>
HE41	Kamalakanan Kailasam	<i>Sol-gel Derived Hierarchical Porous Carbon Nitrides and Titania-Carbonnitride Composites and their Photocatalytic Activity</i>
HE42	Yasemin Kaya	<i>Heterolytic cleavage of ammonia N-H-Bond by bifunctional activation in silica-grafted Ta(V) imido amido surface complex</i>
HE43	Katharina Klingan	<i>Bulk phase versus surface activity in electrocatalysis of water oxidation by amorphous cobalt oxides</i>
HE44	Ralph Kraehnert	<i>Mesoporous IrO₂ films templated by PEO-b-PB-b-PEO block-copolymers: Self-assembly, crystallization behavior and electro-catalytic performance</i>
HE45	Helmut Kühlenbeck	<i>V/Ti and Mo/Ti mixed oxide layers on rutile TiO₂(110)</i>
HE46	Yuefeng Liu	<i>Self-supported few-layer graphene beads with high external surface area</i>
HE47	Angela López-Vinasco	<i>Palladium nanoparticles stabilized by Thioether-Phospines ligands in ionic liquid. Catalytic applications</i>
HE48	Khoa Ly	<i>SER active Pt-Ag Hybrid Device for probing Pt catalyzed reactions</i>
HE118	Elin Larsson	<i>Nanoplasmonics for Nanomaterials Science and Catalysis</i>
T49	Jianwen Liu	<i>Selective Oxidation of Propene by Vanadium Oxides Supported on Silica</i>
T50	Yvonne Rippers	<i>Development and validation of the homology model for the active site of the O₂-tolerant [NiFe] MBH of R. eutropha H16 by MD and QM/MM calculations</i>
T51	Sabrina Siculo	<i>Reconciling theory and experiments: Interaction of CO with F-centers on MgO(100)</i>
T52	Radoslaw Wlodarczyk	<i>Genetic Algorithm for Structure Determination of Gas Phase Clusters and Surfaces: DoDo</i>
B53	Sara Bruun	<i>Investigation of Channelrhodopsin-2 mutants using resonance Raman spectroscopy</i>
B54	Pradip Dey	<i>Development of biosensors from the immobilization of enzyme in polyglycerol scaffolds</i>





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B55	Stefano Frasca	<i>Gold Nanoparticles as Support for the Direct Electron Transfer and Catalysis of the Human Sulfite Oxidase</i>
B56	Stefan Frielingsdorf	<i>Structural insights into an oxygen-tolerant hydrogen converting biocatalyst</i>
B57	Michael Haumann	<i>XAS/XES on [FeFe] hydrogenase and biomimetic Fe₂ complexes: insight into molecular structure and electronic configuration of catalysts for H₂ production</i>
B58	Marius Horch	<i>Structure-Function Relationship of the Soluble, NAD⁺-Reducing [NiFe]-Hydrogenase from <i>Ralstonia eutropha</i> H16: Insights from Spectroscopic Studies</i>
B59	Jacek Kozuch	<i>Biomimetic membranes for Raman spectroscopic investigations of membrane proteins</i>

