## POSTER - Workshop Research Area C 2015 October 19th - RUB Conference Center



	Solvated electron induced dissociation in C6H5X/D2O/Cu(111), X=F, Cl, Br, investigated with two-
1	photon photo-emission spectroscopy
	Ishita Agarwal
	Construction and Tuning of Photocatalytic Janus Particles: Step 1 and 2
2	Jenanathan Akilavasan
	Ice and halogentated benzene molecules on metal surfaces: Structure and interaction
3	Cord Bertram
	Controlling hydration induced degradation of organic multilayer coatings
4	Cindy Beyer
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	A real cases DET approach coupled to a modified Poisson Poltzmann electrolyte model for the
_	A real-space DFT approach coupled to a modified Poisson-Boltzmann electrolyte model for the
5	simulation of surfaces under constant potential  Arcesio Castaneda-Medina
	Size, chemical state and reactivity correlations during the electrochemical oxidation of
6	2-propanol over Au nanoparticles
	Yong-Wook Choi
	Solvation in 2D: Microsolvation of Ions by Individual Water Molecules on Inert Surfaces
7	Janosz Daru
	Potential dependent ATR-IR spectroscopy of the germanium/electrolyte interface
8	Niu Fang
	Methanol Synthesis on Cu/ZnO Catalysts from Ab Initio Molecular Dynamics
9	Johannes Frenzel
	Experimental and theoretical solubility studies on the high-pressure absorption of small molecules
10	Kirsten Grübel
10	
	High-Dimensional Neural Network Potentials for Ions in Aqueous Solution
44	Matti Hellström
11	Watti nelistioili
	Probing Interfacial Ion Structures on Gold Electrode & its Effect on Micro-Tribology
12	Qingyun Hu
	Formation and any of Halida iona (CL Du I) in contant from the initial and local and the angle
_	Formation energy of Halide ions (Cl, Br, I) in water from ab-initio molecular dynamics
13	Anoop Kishore
	Ultrafast electron dynamics at surfaces
14	Manuel Ligges
i	

15	Towards a better understanding of the gas-phase photooxidation of 2-propanol over Au/TiO2  Alexander Lüken
16	Electrochemical CO2 reduction Olga Melchaeva
17	Chemistry in Nanoconfined Water  Daniel Munoz
18	Mechanistic Insights into Methanol Oxidation at the Water/Au/TiO2 Interface  Daniel Munoz
19	Different Synthesis Methods of Ceria-Zirconia Mixed Oxides for Liquid-Phase DMC-Synthesis  Yesim Murat
20	Construction of a DFT-Based Neural Network Potential for the Water-Zinc Oxide Interface  Vanessa Quaranta
21	Adsorption of hydrolized soy protein on hydrophobic surfaces  Paul Salmen
22	Ions as probes of their local solvation environment  Gerhard Schwaab
23	Electrolyte induced defect formation in ZnO Stefanie Tecklenburg