POSTER - Workshop Research Area B 08.12.2015 - RUB Conference Center



	RUHR EXPLORES SOLV ATION
Poster- Number	CLUSTER OF EXCELLENCE - EXC 1069
Number	Alexander Bäumer
1	THz absorption spectroscopy of an insect lipoprotein ice nucleator
	Elena Decaneto
2	Cobalt (II) substitution of the zinc(II) ions of membrane-type 1 matrix metalloproteinase
	Alexander Esser
3	Understanding hydrophobic effects in THz spectra of amino acids in water
	Claudius Hoberg / Hanna Wirtz
4	Time- and frequency resolved kinetic terahertz absorption spectroscopy with temperature jumps
	Falk Hoffmann
5	Thermostability of T4 lysozyme cavity mutants: the entropy connection
	Oktavian Krenczyk
6	High-throughput solvent screening for optimizing protein stability and discrimination of enthalpy and
_	entropy contributions
	Sumit Mittal
7	Biomolecular interactions in explicit solvent
	Nils Metzler-Nolte
8	A GIXRD study about adsorption behavior of aqueous proline solution on fluorapatite (100) surface
	David Möller
9	Design and synthesis of novel macrolide-based antibiotics
	Christopher Paeslack
10	Hydration dynamics around the peripheral membrane protein annexin B12
	Viren Pattni
11	Spatially resolved solvent dynamics and thermodynamics at various sites of MT-1MMP
	Rasmus Persson
12	Local solute-specific signatures in the solvent molar entropy
	Sarah Schäfer
13	How do carbohydrates assist protein stability and function?
	Federico Sebastiani
14	Hydration water dynamics and biominerals: a THz spectroscopy study on calcium carbonate nucleation

4.5	Nadia Seibel
15	High-Field EPR Characterization of the Redox Centers of Photosystem II
	Tobias Senkbeil
16	X-ray microprobe analysis to study Huntingtin aggregation in cells
	Alaa Alsheikh Oughli
17	Designing a redox hydrogel to protect H2 oxidation molecular catalysts
	Tatiana Vasilevskaya
18	Solvent effects in QM/MM calculations with periodic boundary conditions
	Tobias Vöpel
19	Simultaneous measurements of photocurrents and H2O2 evolution from solvent exposed Photosystem
	2 complexes
	Yao Xu
20	Protein dynamics in reverse micelles: a tale of conformation, solvation and encapsulation