

SFB Meeting 2011, 19.05. – 20.05. Atominstitut, Vienna, Austria

Thursday, 19.05.2011		
14:00 – 15:00	Tracy Northup, UIBK	Trapped Ion Cavity QED
15:00 – 15:30	Daniel Reitz, ATI	Experiments on atoms trapped in the evanescent field surrounding an optical nanofiber
15:30 – 16:00	Robert Bücke, ATI	One-Dimensional Bose gases as a source for twin atom beams
16:00 – 16:30	Coffee Break	
16:30 – 17:00	Stefanie Barz, Uni Wien	Blindfolding a quantum computer
17:00 – 17:30	Igor Pikovski, Uni Wien	Testing the validity of the quantum commutation relation in massive mechanical oscillators
17:30 – 18:00	Katrin Heinze, IMP/Uni Würzburg	Tweaking Fluorescence Probes using Surface Plasmon Polaritons at their cut-off
18:00 – 19:00	Poster session	
19:30	Dinner	

Friday, 20.05.2011		
09:00 – 10:00	Jürgen Eschner, Uni Saarland	TBA
10:00 – 10:30	Markus Debatin, UIBK	Towards the creation of a quantum gas of polar ground state molecules
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Ed Hinds, Imperial College	(A new measurement of the electron electric dipole moment)
12:00 – 13:00	Lunch break and Business Meeting	
13:00 – 13:30	Thorsten Schumm, ATI	Towards a Thorium nuclear atomic clock
13:30 – 14:00	Hartmut Abele, ATI	qBounce and the realisation of a gravity resonance spectroscopy method
14:00 – 15:30	Laboratory tours	