

Atom-Ion Workshop

July 15th 2009

Institute for Quantum Information Processing
University of Ulm

General notes:

The main program will start at 9:00 and end at approximately 15:45.

The talks will be about 45 minutes each. (Desired is 35 minutes for the presentation plus 10 minutes of questions and discussion. Of course, this is flexible.)

Time	Speaker	Title
SESSION 1		
10:00 to 10:45	Zbigniew Idziaszek	"Quantum-Defect Theory of Ultracold Atom-Ion Collisions"
10:45 to 11:30	Michael Krych	"Controlled Collisions of Two Ultracold Atoms in Separate Harmonic"
11:30 to 12:15	Hauke Doerk-Bendig	"Atom-Ion Quantum Gate"
<i>Break</i>		
12:30	<i>Lunch with the invited guests</i>	
SESSION 2		
13:30 to 14:15	Johannes Hecker Denschlag	"Ionic Impurities in a Cold Sea of Neutral Atoms"
14:15 to 15:00	John Goold	"Ion Embedding in a Tonks-Girardeau Gas"
15:00 to 15:30	Kilian Singer	"A Novel Ion Trap Design – towards a 3D Quantum Read-Write Head for Atoms inside Optical Lattices"
<i>End of the program</i>		

University of Ulm, Albert-Einstein-Allee 11, Room N 25 / 486