

## ECTI INVITED SPEAKERS

Name	Institution	Title
Rainer Blatt	Innsbruck	Quantum Information Science with Trapped Ca <sup>+</sup> Ions (also informal talk at "Big Cheese Night")
John Bollinger	NIST	Quantum Information Experiments with Ion Crystals in Penning Traps
Wesley Campbell	Maryland	Ultrafast Pulsed Laser Gates for Atomic Qubits
Michael Charlton	Swansea	Antiparticle Trapping for Antihydrogen Physics
Michael Drewsen	Aarhus	Cavity Electromagnetically Induced Transparency with ion Coulomb crystals
Dieter Gerlich	Prague	Polyatomic ions in traps: from molecules via clusters to nanoparticles
Samuel Guibal	Paris	Sympathetic cooling and isotopic enrichment in a large Sr <sup>+</sup> Coulomb crystal
Kazuhiro Hayasaka	NICT	New Approaches To An Indium Ion Optical Frequency Standard
Paul Julienne	NIST	Cold collisions of atoms, molecules, and ions
Martina Knoop	Marseille	1 -, 2 - and 3 D - ion structures in traps of different geometry
Michael Koehl	Cambridge	A trapped single ion inside a Bose-Einstein condensate
Dietrich Leibfried	NIST	Quantum Information Processing with Trapped Ions: An Overview
David Lucas	Oxford	Sub-Doppler cooling of trapped ions
Chris Monroe	Maryland	Informal talk at "Big Cheese Night"
Giovanna Morigi	Saarbrücken	Quantum zigzag transition in ion chains
Ekkehard Peik	PTB	Laser spectroscopy of trapped thorium ions: Towards a nuclear optical clock
Diego Porras	UCM	Anderson Localization of Phonons in Ion Chains
Wolfgang Quint	GSI	Trap-assisted Precision Spectroscopy of Highly Charged Ions
Alex Retzker	Ulm	Structural defects in ion crystals by quenching the external potential: The inhomogeneous Kibble-Zurek mechanism
Tobias Schaetz	MPQ	Experimental Quantum Simulation with trapped ions
Piet Schmidt	PTB	Quantum Metrology with Trapped Ions
Ferdinand Schmidt-Kaler	Mainz	Quantum Information Processing with Ions
Lutz Schweikhard	Greifswald	ClusterTrap: A Penning trap for cluster research
Nikolay Vitanov	Sofia	Faster approaches for quantum information processing with trapped ions
Robert von Hahn	Heidelberg	The Electrostatic Cryogenic Storage Ring CSR - a storage device for atomic, molecular and cluster ion experiments
Michiharu Wada	RIKEN	Precision optical spectroscopy of radioactive Be isotopes produced in projectile fragmentation
Simon Webster	Oxford	Title to be confirmed
David Wineland	NIST	Quantum Information and Metrology with RF Traps at NIST (also informal talk at "Big Cheese Night")
Christof Wunderlich	Siegen	Robust Microwave-Dressed States with Trapped Ions