Winter school on

Physics with Trapped Charged Particles

Les Houches, France, January 9-20, 2012

Lectures and Tutorial Sessions Covering

Dynamics in Penning and Paul traps
Diagnostic techniques
Positron Sources and Accumulators
Physics of non-neutral plasmas
Trapped highly charged and radioactive ions
Space charge effects and coulomb crystals
Magnetic traps and storage rings
Quantum information processing in traps
Electron beam ion sources and traps
Applications for fundamental tests, spectroscopy and clocks
Novel trap designs

Confirmed speakers:
Alexander Papash (MPI Heidelberg)
Brian Odom (Northwestern University)
Christian Roos (University of Innsbruck)
Christof Wunderlich (University of Siegen)
Cliff Surko (UC San Diego)
Dan Dubin (UC San Diego)
Daniel Segal (Imperial College London)
Francis Robicheaux (Auburn University)
François Anderegg (UC San Diego)
Frank Herfurth (GSI)
Fred Curell (Queens University Belfast)
Helen Margolis (NPL)
Joel Fajans (UC Berkeley)
John J. Bollinger (NIST Boulder)
José Crespo (MPI Heidelberg)
José Luis Verdú Galiana (University of Sussex)
Klaus Blaum (MPI Heidelberg)
Martina Knoop (University of Provence)
Michael Drewsen (Aarhus University)
Niels Madsen (Swansea University)
Piet O. Schmidt (PTB)
Tania Mehlstaubler (PTB)
Thomas Sunn Pedersen (Max-Planck Institute of Plasma Physics)

Organising Committee:
Dr. Niels Madsen (Swansea University) (chair)
Prof. Joel Fajans (UC Berkeley)
Dr. Martina Knoop (Uni. Provence)
Prof. Richard Thompson (Imperial College London)

Advisory Committee:
Prof. Klaus Blaum (MPI Heidelberg)
Dr. Fred Curell (Queens University Belfast)
Prof. Michael Drewsen (Aarhus University)
Prof. Piet O. Schmidt (PTB)

For further information consult: http://indico.cern.ch/event/pwtp2012 or contact (secretary): Tania.Pardo@cern.ch