

Program : 12.01.2018

Physics with Trapped Charged Particles

Les Houches, France, 8 January - 19 January, 2018

Time	Monday 8 January	Tuesday 9 January	Wednesday 10 January	Thursday 11 January	Friday 12 January	Saturday 13 January	Sunday 14 Jan	Monday 15 January	Tuesday 16 January	Wednesday 17 January	Thursday 18 January	Friday 19 January
08:00	B R E A K F A S T											
08:45		Basic particle Dyn in B 1. PEDERSEN	Basics of Laser Cooling 1 CHAMPENOIS	Non-neutral plasmas 2 DUBIN	Plasma & Particle diag. 2 FAJANS	Strong correlations in traps ANDEREGG		Precision traps ULMER	Coulomb Crystals DREWSEN	08h25! Mass spectroscopy2 STURM	QIP 2 ROOS	Cold Molecules WESTER
09:45		C O F F E E						C O F F E E				
10:15		Penning Traps 1 THOMPSON	Rotating Wall Cent. Separ. ANDEREGG	Phase space cooling traps vs. acc. 1 HANGST	Strong Magnetization and Plasma... DUBIN	Non-laser cooling techniques HILICO		Numerical simulations HILICO	Optical Clocks 1 SCHMIDT	09h45! Use of coulomb x-tal DREWSEN	Quantum Logic Spectroscopy SCHMIDT	Highly charged ions in traps 2 QUINT
11:05												
11:15		Non-neutral plasmas 1 D. DUBIN	Penning Traps 2 THOMPSON	Axialisation THOMPSON	Phase space cooling traps vs. acc. 2 HANGST	Modes in plasmas ANDEREGG		Vacuum techniques KNOOP	Tutorial 8 DREWSEN	10h45! Optical Clocks 2 SCHMIDT	Trapped Molecules R. WESTER	Multifaceted entanglement C. ROOS
12:05												
12:30	L U N C H											
15:00												
15:50												
16:00	A		Tutorial 2 Penning Traps THOMPSON		Paul Traps 1 KNOOP			Reserved	Reserved		Reserved	
16:50	R											
17:00	R	Magnetically confined charged particles PEDERSEN	Plasma & part. Dignostics 1 FAJANS	Advanced Laser cooling CHAMPENOIS	Auto- resonance BERTSCHE	Tutorial 5 Plasma Diagnostics FAJANS		Mass spectroscopy 1 STURM	Tutorial 9 ULMER/ STURM		QIP 3 ROOS	
17:50	I											
18:10	V	T E A										
18:10	A	Antihydrogen MADSEN	Electron/ positron plasmas PEDERSEN	Strong Magnetization and Plasma... DUBIN	Paul traps 2 KNOOP	Tutorial 6 Paul Traps KNOOP		Fundamental Physics in Traps ULMER	Quant.optics w. ion crystals DREWSEN		Highly charged ions in traps 1 QUINT	
19:00	L	Welcome Drink										
19:30	D I N N E R											
20:40		Tutorial 1 T. PEDERSEN	Poster Session	Tutorial 3 CHAMPENOIS	Tutorial 4 DUBIN/ ANDEREGG	Fluid Dynamics FAJANS		Tutorial 7 HILICO	Poster Session 2	QIP 1 ROOS	Tutorial 10 ROOS	
21:30												

Timekeepers:

Morning :		MADSEN	FAJANS	CHAMPENOIS	ANDEREGG	KNOOP		DREWSEN	STURM	ROOS	QUINT	MADSEN
Evening :		THOMPSON	BERTSCHE	HANGST	FAJANS	HILICO		QUINT	ULMER		WESTER	