Program : 10.11.2014

Physics with Trapped Charged Particles

Les Houches, France, 19 January - 30 January, 2015

Time	Monday 19 January	Tuesday 20 January	Wednesday 21 January	Thursday 22 January	Friday 23 January	Saturday 24 January	Sunday 25 January	Monday 26 January	Tuesday 27 January	Wednesday 28 January	Thursday 29 January	Friday 30 January
08:00		BREAKFAST										
08:45 09:45		Basic particle Dyn in B 1. T. PEDERSEN	Basics of Laser Cooling 1 CHAMPENOIS	Non-neutral plasmas 2 D. DUBIN	Plasma & Particle diag. 2 FAJANS	Strong correlations in traps ANDEREGG	D	Precision traps ULMER	Coulomb Crystals DREWSEN	**08h30!!** Mass spectroscopy2 BLAUM	QIP 2 ROOS	Cold Molecules WESTER
		COFFEE						COFFEE				
10:15 11:05		Penning Traps 1 THOMPSON	Rotating Wall Cent. Separt. F. ANDEREGG	Paul Traps 1 M. KNOOP	Strong Magnetization and Plasma… D. DUBIN	Non-laser cooling techniques L. HILICO	A Y	Numerical simulations L. HILICO	QIP 1 ROOS	**09h50!** Use of coulomb x-tal DREWSEN	Quantum Logic Spectroscopy SCHMIDT	Highly charged ions in traps 2 QUINT
11:15 12:05		Non-neutral plasmas 1 D. DUBIN	Penning Traps 2 THOMPSON	Phase space cooling traps vs. acc. 1 HANGST*	Axialisation THOMPSON	Modes in plasmas ANDEREGG	O F	Vacuum techniques KNOOP	Precision spectroscopy in traps SCHMIDT	**10h55!** Quantrum metrology SCHMIDT	Trapped Molecules R. WESTER	Multifaceted entanglement C. ROOS
										LUNCH (early)		
12:30		LUNCH					F	LUNCH		BUS	LUNCH	
16:00 16:50	A R		Tutorial 2 Penning Traps THOMPSON		Phase space cooling traps vs.acc. 2 HANGST*					V I S		D E
17:00 17:50	R I	Magnetically confined charged particles T. PEDERSEN	Plasma & part. Dignostics **1** J. FAJANS	Advanced Laser cooling CHAMPENOIS	Paul traps 2 KNOOP	Tutorial 5 Plasma Diagnostics FAJANS		Mass spectroscopy 1 BLAUM	Tutorial 7 ULMER/ BLAUM	I T C	QIP 3 ROOS	P A
	V	TEA						TEA		E	TEA	R
18:10 19:00	A L	Charged particles for Antihydrogen MADSEN	Electron/ positron plasmas T. PEDERSEN	Strong Magnetization and Plasma… DUBIN	Autoresonance FAJANS	Tutorial 6 Paul Traps KNOOP		QED in traps ULMER	Quantum optics with ion crystals DREWSEN	R N	Highly charged ions in traps 1 QUINT	T U
19:00		Welcome Drink										
19:30		DINNER										R
20:40 21:30		Tutorial 1 T. PEDERSEN	Poster Session 1	Tutorial 3 Laser cooling CHAMPENOIS	Tutorial 4 DUBIN/ ANDEREGG			Tutorial 6 HILICO	Poster Session 2	Tutorial 8 DREWSEN	Tutorial 9 ROOS	E

Timekeepers:

Morning :												
Evening :												