

Preliminary Program : 21.04.2020

Physics with Trapped Charged Particles

Les Houches, France, 25 January - 5 February, 2021

Time	Monday 25 January	Tuesday 26 January	Wednesday 27 January	Thursday 28 January	Friday 29 January	Saturday 30 January	Sunday 31 Jan	Monday 1 February	Tuesday 2 February	Wednesday 3 February	Thursday 4 February	Friday 5 February
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	Paul Traps 1 KNOOP	Strong correlations in traps ANDEREGG		Precision traps ULMER	Coulomb Crystals DREWSEN	08h25! Optical Clocks 1 GODUN	Highly charged ions in traps 1 ORESKINA	Cold Molecules HEAZLEWOOD
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	Axialisation THOMPSON	Strong Magnetization and Plasma... DUBIN	Numerical simulations HILICO		Vacuum techniques KNOOP	Mass spectroscopy2 HEISSE	09h45! Use of coulomb x-tal DREWSEN	Quantum Logic Spectroscopy DREWSEN	Highly charged ions in traps 2 ORESHKINA
11:05												
11:15		Non-neutral plasmas 1 D. DUBIN	Penning Traps 2 THOMPSON	Advanced Laser cooling CHAMPENOIS	Non-laser cooling techniques HILICO	Modes in plasmas ANDEREGG		Mass spectroscopy 1 HEISSE	Optical traps for ions 2 SCHAETZ	10h45! QIP 1 ROOS	Trapped Molecules HEAZLEWOOD	Multifaceted entanglement C. ROOS
12:05										LUNCH (11h30)		CLOSING
12:30		L U N C H						L U N C H				
15:00												
15:50												
16:00	A	Reserved	Tutorial 2 Penning Traps THOMPSON	Fusion/ W7-X PEDERSEN	Paul traps 2 KNOOP	Reserved		Reserved	Reserved		QIP 2 ROOS	
16:50	R										QIP 3 ROOS	
17:00	R	Magnetically confined charged particles STENSON	Plasma & part. Dignostics 1 FAJANS	Plasma & Particle diag. 2 FAJANS	Tutorial 4 Plasma Diagnostics FAJANS	Tutorial 6 HILICO		Optical traps for ions 1 SCHAETZ	Tutorial 9 DREWSEN		ROOS	
17:50	V	T E A						T E A				
18:10	A	Antihydrogen MADSEN	Electron/ positron plasmas STENSON	Strong Magnetization and Plasma... DUBIN	Tailoring plasmas in traps BERTSCHE	Tutorial 7 Paul Traps KNOOP		Fundamental Physics in Traps ULMER	Quant.optics w. ion crystals DREWSEN		Optical Clocks 2 GODUN	
19:00	L	Welcome Drink										
19:30		D I N N E R										
20:40		Tutorial 1 STENSON/ T. PEDERSEN	Poster Session	Tutorial 3 CHAMPENOIS	Tutorial 5 DUBIN/ ANDEREGG	Fluid Dynamics FAJANS		Tutorial 8 ULMER/ HEISSE	Poster Session 2		Tutorial 10 ROOS	
21:30												

Timekeepers:

Morning :		MADSEN	FAJANS	CHAMPENOIS	ANDEREGG	KNOOP		SCHAETZ	ULMER	ROOS/GODUN	GODUN	MADSEN
Evening :		THOMPSON	BERTSCHE	KNOOP	HILICO	FAJANS		DREWSEN	HEISSE		HEAZLEWOOD	