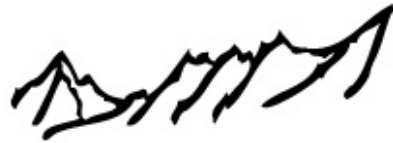


Winter school on Physics with Trapped Charged Particles

ÉCOLE DE PHYSIQUE
des HOUCHES



Report of Contributions

Contribution ID: 0

Type: **not specified**

TEST

Presenter: CHARLES

Contribution ID: 1

Type: **not specified**

Penning Traps and Strong Correlations

Tuesday 10 January 2012 10:15 (50 minutes)

Presenter: Dr BOLLINGER, John

Contribution ID: 2

Type: **not specified**

Destructive Diagnostics

Wednesday 11 January 2012 18:20 (50 minutes)

Presenter: Dr KNOOP, Martina

Contribution ID: 3

Type: **not specified**

Non-Destructive Diagnostics

Tuesday 10 January 2012 11:15 (50 minutes)

Presenter: Dr CRESPO, José

Contribution ID: 4

Type: **not specified**

Autoresonance

Wednesday 11 January 2012 17:00 (50 minutes)

Presenter: Prof. FAJANS, Joel

Contribution ID: 5

Type: **not specified**

The g-2 exp. on free electron

Tuesday 10 January 2012 17:50 (50 minutes)

Presenter: Prof. ODOM, Brian

Contribution ID: 6

Type: **not specified**

Tutorial 1 - Penning Traps

Tuesday 10 January 2012 20:40 (50 minutes)

Presenter: Dr BOLLINGER, John

Contribution ID: 7

Type: **not specified**

Rotating Wall. Centrifugal Separation.

Wednesday 11 January 2012 10:15 (50 minutes)

Presenter: Dr BOLLINGER, John

Contribution ID: 8

Type: **not specified**

Modes in Non-neutral plasmas

Wednesday 11 January 2012 08:45 (1 hour)

Presenter: Dr ANDEREGG, François

Contribution ID: 9

Type: **not specified**

Internal Transport

Thursday 12 January 2012 10:15 (50 minutes)

Presenter: Dr ANDEREGG, François

Contribution ID: **10**

Type: **not specified**

Microtraps and QIP

Wednesday 18 January 2012 10:50 (50 minutes)

Presenter: Dr MEHLSTAUBLER, Tania

Contribution ID: **11**

Type: **not specified**

Antihydrogen Trapping

Tuesday 10 January 2012 16:30 (50 minutes)

Presenter: MADSEN, Niels (Swansea University (GB))

Contribution ID: **12**

Type: **not specified**

Poster Session 1

Wednesday 11 January 2012 21:10 (50 minutes)

Contribution ID: 13

Type: **not specified**

Dynamics in Paul Traps

Thursday 12 January 2012 08:45 (1 hour)

Presenter: Prof. ODOM, Brian

Contribution ID: 14

Type: **not specified**

Single Particle Dynamics. Basic Equilibria.

Tuesday 10 January 2012 08:45 (1 hour)

Presenter: Prof. DUBIN, Dan

Contribution ID: 15

Type: **not specified**

Thorium Spectroscopy

Presenter: Dr MEHLSTAUBLER, Tania

Contribution ID: **16**

Type: **not specified**

Highly charged ions in traps

Thursday 12 January 2012 16:30 (50 minutes)

Presenter: Dr CRESPO, José

Contribution ID: 17

Type: **not specified**

Precision Mass Measurements

Thursday 12 January 2012 17:50 (50 minutes)

Presenter: Prof. BLAUM, Klaus

Contribution ID: **18**

Type: **not specified**

Tutorial 2 NNP

Thursday 12 January 2012 20:40 (50 minutes)

Presenters: Prof. DUBIN, Dan; Dr ANDEREGG, François; FAJANS, Joel (Berkeley)

Contribution ID: **19**

Type: **not specified**

Strong Magnetization and Plasma Screening of Nuclear Reactions

Friday 13 January 2012 08:45 (1 hour)

Presenter: Prof. DUBIN, Dan

Contribution ID: 20

Type: **not specified**

Recombination in traps

Friday 13 January 2012 10:15 (50 minutes)

Presenter: Prof. ROBICHEAUX, Francis

Contribution ID: 21

Type: **not specified**

Laser based diagnostics

Friday 13 January 2012 11:15 (50 minutes)

Presenter: Dr KNOOP, Martina

Contribution ID: 22

Type: **not specified**

Tutorial 3 Paul Traps

Thursday 12 January 2012 15:35 (50 minutes)

Presenter: Prof. ODOM, Brian

Contribution ID: 23

Type: **not specified**

Combined Traps (Neutral+Charged)

Friday 13 January 2012 16:30 (50 minutes)

Presenter: Prof. ROBICHEAUX, Francis

Contribution ID: 24

Type: **not specified**

Traps for radioactive ions

Friday 13 January 2012 17:50 (50 minutes)

Presenters: Dr HERFURTH, Frank; Prof. FRANK, Herfurth

Contribution ID: 25

Type: **not specified**

Cooling Techniques

Saturday 14 January 2012 08:45 (1 hour)

Presenter: Prof. SEGAL, Daniel

Contribution ID: 26

Type: **not specified**

Dinner

Monday 9 January 2012 19:30 (1 hour)

Contribution ID: 27

Type: **not specified**

QED Tests with highly charged ions

Saturday 14 January 2012 10:15 (50 minutes)

Presenter: Prof. BLAUM, Klaus

Contribution ID: **28**

Type: **not specified**

2D Fluid motion

Saturday 14 January 2012 11:15 (50 minutes)

Presenter: Prof. FAJANS, Joel

Contribution ID: 29

Type: **not specified**

TUTORIAL 4

Saturday 14 January 2012 17:00 (50 minutes)

Presenters: Prof. DUBIN, Dan; Prof. ROBICHEAUX, Francis; Prof. FAJANS, Joel

Contribution ID: **30**

Type: **not specified**

Ion Bunching

Saturday 14 January 2012 18:10 (50 minutes)

Presenters: Dr HERFURTH, Frank; Prof. HERFURTH, Frank

Contribution ID: **31**

Type: **not specified**

Coulomb Crystals

Monday 16 January 2012 08:45 (1 hour)

Presenter: Prof. DREWSEN, Michael

Contribution ID: 32

Type: **not specified**

Cooling Techniques II

Monday 16 January 2012 10:15 (50 minutes)

Presenter: Prof. WUNDERLICH, Christof

Contribution ID: 33

Type: **not specified**

Axialisation

Monday 16 January 2012 11:15 (50 minutes)

Presenter: Prof. SEGAL, Daniel

Contribution ID: 34

Type: **not specified**

Magnetically confined charged particles

Monday 16 January 2012 17:00 (50 minutes)

Presenter: Prof. SUNN PEDERSEN, Thomas

Contribution ID: 35

Type: **not specified**

Atomic Clocks in Ion Traps

Monday 16 January 2012 18:10 (50 minutes)

Presenter: Dr MARGOLIS, Helen

Contribution ID: 36

Type: **not specified**

Tutorial 5 Cooling Tech.

Monday 16 January 2012 20:40 (50 minutes)

Presenters: Prof. WUNDERLICH, Christof; Prof. SEGAL, Daniel

Contribution ID: 37

Type: **not specified**

QIP in ion traps

Wednesday 18 January 2012 08:30 (1 hour)

Presenter: Dr ROOS, Christian

Contribution ID: **38**

Type: **not specified**

Beam Dynamics

Wednesday 18 January 2012 09:50 (50 minutes)

Presenter: Dr PAPASH, Alexander

Contribution ID: 39

Type: **not specified**

Storage Rings

Tuesday 17 January 2012 08:45 (1 hour)

Presenter: Dr PAPASH, Alexander

Contribution ID: **40**

Type: **not specified**

EBIS

Tuesday 17 January 2012 10:15 (50 minutes)

Presenter: Dr CURRELL, Fred

Contribution ID: 41

Type: **not specified**

Toroids

Tuesday 17 January 2012 11:15 (50 minutes)

Presenter: Prof. SUNN PEDERSEN, Thomas

Contribution ID: 42

Type: **not specified**

Quantum Simulations

Tuesday 17 January 2012 16:00 (50 minutes)

Presenter: Prof. ROOS, Christian

Contribution ID: 43

Type: **not specified**

EBIT

Tuesday 17 January 2012 17:00 (50 minutes)

Presenter: Dr CURRELL, Fred

Contribution ID: 44

Type: **not specified**

Quantum optics with ion crystals

Tuesday 17 January 2012 18:10 (50 minutes)

Presenter: Prof. DREWSEN, Michael

Contribution ID: 45

Type: **not specified**

Poster Session 2

Tuesday 17 January 2012 20:40 (50 minutes)

Presenters: Mr JAIN, Arohi; Mr SUETTERLIN, Klaus Robert

Contribution ID: 46

Type: **not specified**

Quantom logic with trapped ions

Thursday 19 January 2012 08:45 (1 hour)

Presenter: Prof. SCHMIDT, Piet. O.

Contribution ID: 47

Type: **not specified**

Trapped Molecules

Thursday 19 January 2012 10:15 (50 minutes)

Presenter: Prof. WESTER, Roland

Contribution ID: 48

Type: **not specified**

Circuit QED

Thursday 19 January 2012 11:15 (50 minutes)

Presenter: Dr GALLANA, Jose

Contribution ID: 49

Type: **not specified**

Fundamental Constants

Thursday 19 January 2012 18:10 (50 minutes)

Presenter: Prof. SCHMIDT, Piet. O.

Contribution ID: 50

Type: **not specified**

Thorium Spectroscopy

Thursday 19 January 2012 17:00 (50 minutes)

Presenter: Dr MEHLSTAUBLER, Tanja

Contribution ID: 51

Type: **not specified**

Tutorial 7 QIP in ion traps

Thursday 19 January 2012 20:40 (50 minutes)

Presenter: Dr ROOS, Christian

Contribution ID: 52

Type: **not specified**

Multipolar RF Traps

Friday 20 January 2012 08:45 (1 hour)

Presenter: Prof. WESTER, Roland

Contribution ID: 53

Type: **not specified**

Novel Traps

Friday 20 January 2012 10:15 (50 minutes)

Presenter: Dr GALIANA, Jose

Contribution ID: 54

Type: **not specified**

Multifaceted entanglement

Friday 20 January 2012 11:15 (50 minutes)

Presenter: Dr ROOS, Christian

Contribution ID: 55

Type: **not specified**

Position sources, accumulators and plasmas

Wednesday 11 January 2012 11:15 (50 minutes)

Presenter: Prof. SURKO, Cliff

Contribution ID: 56

Type: **not specified**

Tailoring positron plasmas and beams

Thursday 12 January 2012 11:15 (50 minutes)

Presenter: Prof. SURKO, Cliff