

SEMINARS

SEMINAIRES

Monday 26 February

UMTF COMPUTING TUTORIAL

14.00-16.00 hrs – CN Auditorium, bldg 31/3-004&5

Handling Mail Lists

by Miguel MARQUINA

This presentation is aimed to users who need to communicate with groups of colleagues and make use of electronic mailing lists. Some of you may have used VM facilities (NAMES files, LISTSERV) for this purpose. Others may just have this as a new requirement.

During the tutorial, designed in a non-technical fashion, you will learn:

- When to create personal vs “Team” Mailing Lists
- Creation and Updating
- Reading, posting and replying
- Finding out about your (and other) Mailing Lists
- Moving your Mailing Lists out of CERNVM

Monday 26 February

PPE SEMINAR

at 16.30 hrs – Auditorium

Stalking the Rare Decay $K^+ \rightarrow \pi^+ \nu \bar{\nu}$

Final results from BNL E787 Phase I

by Robert McPHERSON / Princeton University & CERN-PPE

A measurement of the branching ratio of the rare kaon decay $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ is a theoretically clean measurement of the product of quark mixing matrix elements $V_{ts}^* V_{td}$, currently constrained primarily by unitarity. $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ is also sensitive to various type of new physics, such as flavour-changing-neutral-currents, axions, familons, majorons, etc. Experiment 787 at BNL is a dedicated search for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$. The new final result from the first phase of the experiment is presented, and the prospects of the recently upgraded experiment are discussed.

Wednesday 28 February

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Gauge coupling unification and string theory

by H.P. NILLES / TU, Muenchen

Thursday 29 February

UMTF COMPUTING TUTORIAL

10.00-12.00hrs – CN Auditorium, bldg 31/3-004&5

Batch and Tape Usage on the CERNSP Service

by Harry RENSHALL

An introduction to batch work and magnetic tape handling on the CERNSP public UNIX service.

This is a repeat of the talk given in November 1995 with a few updates

Thursday 29 February

LHC TECHNICAL SEMINAR

at 16.00 hrs – AT Auditorium, bldg. 30/7th fl.

Beam-beam effects in the LHC

W. HERR / CERN-SL

The intensity per bunch and therefore the luminosity of the Large Hadron Collider (LHC) is eventually limited by beam-beam effects. Some of these effects are a consequence of the LHC design, such as a finite crossing angle, two-in-one dipoles and PACMAN bunches. The origin and the physics of the various beam-beam induced effects are discussed and the resulting limitations are presented. The performance is estimated and possible improvements are proposed. This presentation is intended as an overview and aimed at non-specialists.

Friday 1 March

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

An iterative algorithm to compute scattering amplitudes

by F. CARAVAGLIOS / Oxford

Thursday 7 March

UMTF COMPUTING TUTORIAL

10.00-12.00hrs – CN Auditorium, bldg 31/3-004&5

Gnats Problem Tracking Scheme

by Alan LOVELL

Thursday 7 March

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

Alpha Magnetic Spectrometer (AMS) for extraterrestrial study of antimatter, matter and missing matter on the international space station Alpha.

by Samuel C. C. TING / CERN

POUR INFORMATION / FOR INFORMATION

LAPP

Laboratoire d'Annecy de physique des particules

Chemin Bellevue

F – 74000 ANNECY-LE-VIEUX

Vendredi 23 février

SEMINAIRE

à 14.04 hrs – Auditorium LAPP

Resume du WORKSHOP LEP 200

par Geneviève BELANGER et Patrick AURENCHE / LAPP Annecy