

Reconstructed Cherenkov angles in accordance with expectations have been measured and will be reported. The use of such detectors for B physics experiments will be presented.

Monday 26 April

PPE SEMINAR

at 16.30 hrs – Auditorium

A determination of $\alpha_s(M_Z)$ at LEP using resummed QCD calculations

by David WARD / University of Cambridge
(OPAL collaboration)

The strong coupling constant, α_s , has been determined in hadronic decays of the Z^0 resonance, using measurements of seven observables relating to global event shapes, energy correlations and jet rates. The data have been compared with resummed QCD calculations, which are combined with the $O(\alpha_s^2)$ theory. The seven measurements agree to about 10%, and the final result, based on a weighted average, is $\alpha_s(M_Z) = 0.120 \pm 0.006$ where the error includes both experimental and theoretical uncertainties. The present measurement complements previous determinations using the $O(\alpha_s^2)$ QCD matrix elements alone, and yields a compatible result with comparable errors.

Mercredi 28 avril

PRÉSENTATION TECHNIQUE

09.00 à 09.45 h : présentation

09.45 à 12.00 h : démonstration, discussion
bât. 17/1-007

Nouvelle station de processus MasterPiece 90

par ABB Process Automation SA (CH/S)

Contact en Suisse romande : Michel Hessler
tél. 021/617 33 45

Langues : anglais, français

Renseignements : M. Diraison / FI / 4585

EDUCATION SERVICES EDUCATIFS

ACADEMIC TRAINING

Tel. 3127

LECTURE SERIES

19, 20, 21 & 22 April

11.00 to 12.00 hrs – Auditorium

PCs workstations, mainframes & people

by D.O. WILLIAMS, D.G. FOSTER &
F. FLUCKIGER / CERN-CN

Postponed

Wednesday 28 April

PRESENTATION

at 10.00 hrs – CN Auditorium

bldg 31/3-005

Transmission-line and signal-integrity CAE tools

by Al WEXLER & Jonathan SMITH / Quantic Lab.
Inc, Canada

Information : R. Zurbuchen/CN/2389/13+5510/
zurdj@cernvm

Wednesday 28 April

COMPUTING SEMINAR

at 16.00 hrs – CN Auditorium

bldg 31/3-005

Two-stage programming of massively parallel systems

by Edgar LEDERER / University of Zurich

Thursday 29 April

CERN COLLOQUIUM

at 15.00 hrs* – Auditorium

Twenty Years Neutral Currents – Ten Years W and Z

15.00–15.10 Klaus Winter (CERN) : Introduction

15.10–16.00 Bernard Aubert (LAPP) :
The Discovery of Neutral Currents

16.00–16.30 Coffee break

16.30–17.20 Carlo Rubbia (CERN) :
The Discovery of the W and Z Bosons

* Please note unusual time

For reasons of "force majeure" one of us (DGF) is unable to present his lectures in the series entitled "PCs, Workstations, Mainframes and People". Since this course was intended to be followed as one unit we have decided to postpone the whole course, hopefully until the Autumn.

With our apologies for the very short notice, which was complicated by absences over Easter.

David Williams
David Foster
François Flueckiger