

- to organize small teams to carry out the work necessary for the implementation of the proposals; and
- write up the results.

The Workshop was subdivided into 10 specific sessions with an additional session for 'summing-up'. Each session lasted 3 hours and was organized by a session chairman and a scientific secretary. In this seminar an overview is given of the conclusions for each of the 10 sessions. The present-day limitations to performance are analysed, and the foreseen improvements aimed at raising the performance are discussed. The presentation is split into two parts : part 1 covers the present LEP, transverse polarization and the 'crash' luminosity upgrade; part 2 covers the technical and beam dynamics aspects of the approved LEP energy upgrade.

Monday 11 February

PPE SEMINAR

at 16.30 hrs – Auditorium

ϕ , and $p\omega$ production in ultrarelativistic heavy ion collisions (NA38 experiment)

by Denis JOUAN / Institut de Physique nucléaire, Orsay

Experimental results on low mass dimuon production in 200 GeV/n P, O and S on Uranium target will be presented. They show an enhancement of the ϕ production in collisions induced by ions as compared to protons. This increase is also observed with increasing transverse energy. This effect will be compared to experimental results from hadron induced reactions, and to the predictions of theoretical models assuming or not quark-gluon plasma formation.

TRAINING AND EDUCATION ENSEIGNEMENT

Mardi 5 février

LES SCIENCES AUJOURD'HUI

à 20.00 h précises – Amphithéâtre
(jusqu'à environ 22.00 h)
par R. CARRERAS

Rafel Carreras, responsable du programme d'Enseignement général du CERN, commentera et expliquera un choix d'articles parus récemment dans des revues scientifiques, et qui couvrent l'ensemble des sciences physiques et biologiques ainsi que certains aspects des relations science-société. Une attention particulière est portée au langage et aux notions utilisés afin que les explications et les commentaires soient accessibles aux personnes n'ayant pas de formation scientifique.

Entrée libre

(Please note that the lecture will be given in FRENCH)

Service des Relations publiques
Tél. 2722

Tuesday 12 February

PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Physics and status of the tau-charm Factory

by Jasper KIRKBY / CERN

Wednesday 13 February

CN TECHNICAL PRESENTATION

at 10.00 hrs – CN Auditorium
bldg 31/3-005

The future of CASE

by Richard BARKERS / Senior Vice President,
Oracle Corporation

Language: English

Organizer: Sverre Jarp / CN

Wednesday 13 February

PS SEMINAR

at 11.00 hrs – PS Auditorium
bldg 6/2-024

The Brazilian Synchrotron Light Source : a
progress report

by Cylon Goncalves DA SILVA / Laboratorio
Nacional de Luz Sincrotron (LNLS), Campinas,
Brazil

ENSEIGNEMENT GÉNÉRAL

Tél. 5811 ou 2844 (le matin)

Jeudi 7 février

de 13.00 à 13.30 h – Amphithéâtre

Science pour tous

par R. Carreras

ACADEMIC TRAINING

Tel. 2844-3674

4, 11, 18, 25 February

4, 11 March

LECTURES FOR POSTGRADUATE STUDENTS

11.00 to 12.00 hrs – Auditorium

Introduction to accelerators

by E.J.N. WILSON / CERN-PS

Lecture of 4 February : Lattices & Liouville