

Wednesday 31 January

COMPUTING SEMINAR

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

Problem-Oriented Random Numbers

by F. JAMES / CERN

Organiser : G. Folger / CN

Thursday 1 February

LARGE HADRON COLLIDER COMMITTEE

at 09.00 hrs – Auditorium

Open Session

09.00–09.15 Status of the LHC project (C. Llewellyn Smith)

09.15–11.15 Presentation of the ALICE Technical Proposal
(J. Schukraft et al.)

Thursday 1 February

TECHNICAL PRESENTATION

CTI Vacuum – Technology Seminar

09.00 to 16.30 hrs – Auditorium of bldg 032/2-b16

9.00–10.30 h Basic vacuum principles as speed, pressure, throughput, capacity etc. with reference to vacuum-systems and vacuum-pumps. Various high vacuum pump types as diffusion-pumps, turbomolecular-pumps, cryopumps, water-pumps are discussed in different applications as evaporation, sputtering, ion-implantation, etching and UHV application.

Dry pumps and mechanical pumps as of importance in this context.

Coffee break

10.45–12.00 Pumping of loadlocks and multiple chambers from cluster tools as well as UHV systems.

Lunch

13.30–16.30 Presentation of UHV pumps as well as our new technology of "On-Board waterpumps" that can add additional pumping speed for water vapour to existing pumps (turbopumps).

Jeudi 1 février

UMTF COMPUTING TUTORIALS

10.00–12.00 hrs – Amphithéâtre CN, bât. 31/3-004&5

ORACLE pour piétons

par Geneviève FERRAN (en français)

Thursday 1 February

SL SEMINAR

at 16.00 hrs – SL Auditorium, Prévessin, bldg. 864

Summary of the 6th Workshop on LEP Performance

by S. MYERS / CERN

POUR INFORMATION / FOR INFORMATION

UNIVERSITY OF GENEVA

Particle Physics Department

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1211 Geneva 4

Tel. 022 702 6273

Fax 022 781 2192

Wednesday 24 January

SEMINAR ON PARTICLE PHYSICS

at 17.00 hrs - Auditoire Stuckelberg

Recent Results in B Decays

by Matthias NEUBERT / CERN

Recent developments in the theory of heavy flavour decays are reviewed together with a summary of new experimental results. The topics covered include: determinations of the Cabibbo-Kobayashi-Maskawa matrix elements V_{cb} and V_{ub} , form factors in semileptonic B decays, rare radiative B decays, the semileptonic branching ratio of the B meson and charm counting, lifetimes of b-flavoured hadrons, and the determination of α_s from Upsilon spectroscopy.

EDUCATION SERVICES EDUCATIFS

ENSEIGNEMENT GÉNÉRAL

Tél. 5811

Jeudi 25 janvier

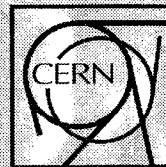
à 13.00 h – Amphithéâtre

Science pour tous

par Rafel CARRERAS

Monday 22 January 1996

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European Laboratory for
Particle Physics
Geneva - Switzerland

- 9 h.15 Introduction
M. Price / CERN-PPE Division
- 9 h.30 Electron beam lithography
for micro & nano fabrication
W. Patrick / ETHZ
- 10 h.30 Microstructuring by LIGA-
Technology
H. Schiff / PSI
- 11 h.30 Silicon micromachining
Microsensors and
microsystems
A. Perret / CSEM
- 14 h.00 Instrumentation for the
Characterisation of
materials and thin films
P. Alers, N. Randals & R. Christoph / CSEM
- 15 h.00 Absolute, high resolution
optical position encoder
K. Engelhardt / PSI
- 16 h.30 Nanostructures by
electrodeposition
J.Ph. Ansermet / EPFL

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COUNCIL CHAMBER

Tuesday 23 January 1996

- 8 h.45 Tribology at nanometric
scale
R. Lüthi / Basel Univ.
- 9 h.45 Scanning probe metrology
F. Meli / SFOM
- 10 h.45 Bioimplantable materials at
nanoscale level
P. Descouts / Geneva Univ.
- 11 h.45 From free clusters to
cluster assembled materials
A. Perez / Univ. Lyon I
- 14 h.00 Role of fibre/matrix interface
properties on thermo-
mechanical behaviour of
ceramic matrix composites
D. Rouby / CNRS
- 15 h.00 Carbon nanostructures :
structural, electronic and
field emission properties
A. Chatelain / EPFL
- 16 h.30 Nanostructured surfaces for
molecular electronics
J. Gobrecht and L. Tiefenauer / PSI
- 17 h.30 Conclusion
D. Güsewell / CERN-EST Div. Leader

SM-GOLONCHET

More information on
the WWW at

<http://www.cern.ch/Training>



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