

SEMINARS SEMINAIRES

MONDAY 19 JUNE

EP SEMINAR

at 11.00 hrs - EF Conference Room
Bldg 13-2-005

"The Jet-chamber system, a pictorial drift chamber for the JADE detector at PETRA"

by J. Heintze/Physikalisches Institut der Universität Heidelberg

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
top floor bldg 30

"Beam monitoring using stochastic signals"

by J. Borer/CERN

CERN JOINT NUCLEAR PHYSICS AND PARTICLE PHYSICS SEMINAR

at 16.00 hrs - TH Conference Room

"Proposal for a macroscopic search of non-linear terms in Maxwell's equations"

by E. Zavattini/CERN

Abstract : A study to detect non-linear effects in electrodynamics is presented : the method proposed consists in sending laser light, linearly polarized, through a constant, high intensity, magnetic field and search for a possible small ellipticity acquired by the light beam after it has passed the magnetic field region (many meters long). The sensitivity of the method is at the level that such an effect as predicted by the standard Q.E.D. should be seen.

TUESDAY 20 JUNE

CERN COLLOQUIUM

at 16.00 hrs - Auditorium (*)

"Lev Landau - Life and Work"

by F. Janouch/Research Inst. of Physics, Stockholm

Abstract : Childhood and university years. Leningrad, Kharkov, Moscow. Trips abroad. Landau's "theoretical minimum". Who wrote Landau-Lifšic (8 volumes, 4000 pages) Course of Theoretical Physics? Landau's school of theoretical physics. Landau's Ten Commandments of theoretical physics. Nobel prize in physics. Car accident - The man Landau outliving the physicist Landau by 6 years. Landau's place in Soviet and world theoretical physics

(*) *Note* : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

PRESENTATION TECHNIQUE

10h00 - 16h00 Salle de Conférence EF
Bât. 17-1-007 (F-6 plan CERN)

Démonstration par GRAPHAX SA (CH) de machines à photocopier sur papier normal MITSUBISHI (J/D/CH). Types : U-bise Mark IIS (réductions A3 - A4 et B4 - A4), Mark III, Mark IV SR (A3, réduction A3 - A4, B4 - A4). Copie sur papier blanc ou couleur A3, A4, B4, Folio B5, calques, acétates, étiquettes, adresses.

Langues : allemand, anglais, français

Renseignements : M. Diraison/FI/4585

WEDNESDAY 21 JUNE

DD SEMINAR

at 16.00 hrs - DD Amphitheatre
Bldg 31 - third floor

"Home computing"

by Henk Slettenhaar/CERN

Abstract : The evolution of micro-electronics has created a revolution in computing. The advent of more and more powerful micro-computers with small smaller and smaller price tags has made home-computing a reality. An account of two year's experience with several types of home-computers will be given together with demonstrations. In particular, the following questions will be addressed :
- do you have to be an electronics expert to run a home computer ?
- what can you do with a home-computer ?
- what about home-computer software ?
- any standards in home-computing ?

THURSDAY 22 JUNE

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"Massive lepton pair production in hadronic collisions and tests of QCD"

by E.L. Berger/ARGONNE

VENDREDI 23 JUIN

PRESENTATION TECHNIQUE

de 8h00 à 12h00 - Camion de démonstration devant le hall de montage - bât. 867
Site France - "ENERTEL SCHLUMBERGER"

La division INSTRUMENTS ET SYSTEMES DE COMPTEURS SCHLUMBERGER vous invite à visiter son camion de démonstration comprenant l'ensemble de la gamme de ses nouvelles productions : oscilloscopes, générateurs, multimètres, fréquencesmètres, boîtes à décades, alimentations stabilisées, ponts d'impédances, contrôleurs d'isolement, enregistreurs potentiométriques, enregistreurs galvanométriques/u.v., enregistreurs magnétiques, table x-y, capteurs de pressions, capteurs de forces, capteurs de déplacements, capteurs d'accéléérations.

Langues : français, allemand

Renseignements : H. Bersinger/SPS/5195

FRIDAY 23 JUNE

CERN SPECIAL SEMINAR

at 16.00 hrs - Auditorium (*)

"Recent results from the lead glass wall experiment at SPEAR"

by D.H. Miller/Northwestern University

Abstract : The Pb-glass-wall addition to the mark I detector at SPEAR provides photon detection with good energy resolution and improved electron identification. D-meson decay and anomalous electron production to 7.4 GeV will be presented. In addition, first measurements of the inclusive gamma and pi-zero spectra will be compared with a global Monte Carlo which incorporated the known features of hadronic final states produced in e^+e^- annihilations. Implication for the charged-to-neutral energy crisis will be discussed.

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TECHNICAL PRESENTATION

ISR Auditorium - Bldg 30 - 7th floor
(P-3 CERN site layout)

FAIRCHILD (D) Seminar

09.00 hrs : overall aims and technology
09.30 hrs : CMOS and BIPOLAR, quality and characteristics
10.30 hrs : Low Power SCHOTTKY advantages
11.00 hrs : ECLIO and 100 K families
11.30 hrs : New BETA process for TTL
14.00 hrs : CCD families - the forthcoming technology
15.00 hrs : Microprocessor F 6800
15.30 hrs : New 16 Bit microprocessor MICRO-FLAME 9440
16.00 hrs : General product support and distribution in Switzerland.

Languages : English, French, German

Inquiries : M. Diraison/FI/4585

VENREDI 23 JUIN

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POUR INFORMATION / FOR INFORMATION

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à 10h30 - Amphithéâtre du LAPP

Laboratoire d'Annecy-le-Vieux de Physique des Particules - chemin Bellevue, Annecy-le-Vieux, (Haute-Savoie, France).

"Le modèle des partons en QCD"

par G. Altarelli/Institut de Physique à Rome

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à 16h00 - Amphithéâtre du LAPP

"Applications of the QCD theory of quarks and gluons to processes involving large momentum transfers"

by R.D.C. Field/CALTECH

Renseignements complémentaires auprès de
H. Pessard/CERN-EP, Tél. 6526 ou Laboratoire
d'Annecy-le-Vieux, Tél. (023) 23.32.45, int. 327.

BULLETIN CERN

MONDAY 26 JUNE

EP SEMINAR

at 11.00 hrs - EF Conference Room
Bldg 13-2-005

"New results on elastic neutrino-proton scattering at BNL"

by W. Kozanecki/CERN

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - TH Conference Room

"Thomas-Fermi approach to diatomic systems"

by Reiner Dreizler/Frankfurt

TUESDAY 27 JUNE

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

" Ω^- Decays"

by M. Bourquin/University of Geneva

TRAINING AND EDUCATION ENSEIGNEMENT

JEUDI 22 JUIN

ENSEIGNEMENT GENERAL

13h00 - 13h30 Amphithéâtre

"Science pour tous"

par R. Carreras

WEDNESDAY 28 JUNE

at 16.00 hrs - Auditorium

"General Science Monthly Cross-Section"

by R. Carreras

INFORMATIONS GENERALES GENERAL INFORMATION

TELEVISION

La TV suisse italienne (TSI, Lugano) passe en ce moment une série d'émissions sur "L'Université en Europe" dont certaines séquences ont été tournées au CERN.

Diffusion les jeudis 8, 15, 22 et 29 juin à 20h45.

Contact : Service Presse et Visites (4101)