

VALIDATION DES CARTES FRANCAISES

Les fonctionnaires et membres de leur famille qui ont une carte française délivrée par le Ministère des Affaires Etrangères, dont l'échéance est prévue pour fin décembre 1979, doivent l'envoyer à Mme E. Deluermoz, Bureau des Dossiers du Personnel, Division du Personnel, pour en prolonger la validité, avant le 30 novembre 1979.

Aucune attestation ne sera délivrée pour remplacer ces cartes.

Bureau des Dossiers du Personnel/
Tél. : 3903

RENEWAL OF FRENCH CARDS

Members of the Staff and their families holding French cards delivered by the "Ministère des Affaires Etrangères" that are due to expire at the end of 1979, should send them to Mrs. E. Deluermoz, Personnel Records Office, Personnel Division, for extension of the period of validity, before 30th November 1979.

Attestations will not be issued to replace these cards.

Personnel Records Office/
Tel.: 3903

SEMINARS SEMINAIRES

MONDAY 29 OCTOBER

EP SEMINAR

at 17.00 hrs - Auditorium

"Applications of Muon Spin Relaxation
Technique to Solid State Physics and
Chemistry"

by P. Podini / CERN and Parma Univ.

Abstract : The seminar will deal with the application and the information which can be gained with the muon spin resonance technique in solid state physics and in chemistry. A short review will be given of the results obtained in different fields such as : diffusion and magnetism in metals and semimetals, muonium formation in semiconductors, adduced radicals in organic solutions.

lectures will be published. Contributions to the Gregory lectures series may be made to the "Fonds Bernard Gregory", SBS C7.100-250.

(*) Closed-circuit television in the Council Chamber.

WEDNESDAY 31 OCTOBER

INTERSECTING STORAGE RINGS COMMITTEE

- Open Session -
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at 09.30 hrs - Council Chamber

1. Information from the Research Director-General, L. Van Hove.
2. Report on the Status of Experiment R 416, Study of Rare Events at the Split Field Magnet, H. Frehse.
3. Event Multiplicities Correlated with π^0 's and Direct Photons (Experiments R 806/R 807), D. Lissauer.

- Closed Session -
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at 11.15 hrs - Conference Room A+C

TECHNICAL PRESENTATION

at 11.00 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"Tektronix Graphics Software"

by W. Gallant / Tektronix

Abstract : The speaker is Product Line Manager for PLOT-10 software and will describe the Tektronix range of software, with special emphasis on the current status of PLOT-10 Interactive Graphics Library (IGL).

TUESDAY 30 AND THURSDAY 1 NOVEMBER

BERNARD GREGORY MEMORIAL LECTURES

at 16.30 hrs - Auditorium (*)

by Professor V.F. Weisskopf

Professor Weisskopf will be the first Gregory lecturer and visit CERN from 29 October to 3 November. He will present two lectures :

- "The Beginning of Field Theory,
a Personal Recollection"

on Tuesday 30 October and

- "Perspectives in Particle Physics"

on Thursday 1 November.

The Gregory lectures, honouring the memory of Bernard Gregory, are funded entirely by voluntary contributions. Gregory lecturers will visit both CERN and Parisian Institutes. Each series of

We would like to invite all members of the personnel to an

OPEN PRESENTATION OF THE LEP PROJECT

Monday 3 December 1979—Main Auditorium—14.30 hrs

*Simultaneous translation will be provided in the Main Auditorium.
Closed circuit TV without translation to Council Chamber, the ISR and the SPS Auditoriums.*

1. Physics justification for LEP, by P. Darriulat
(in French)
2. LEP machine design, by W. Schnell
(in English)
3. Some consequences of LEP on CERN programmes, by J.B. Adams
(in English)

J.B. Adams

L. Van Hove

Nous aimerions inviter tous les membres du personnel à une

RÉUNION D'INFORMATION SUR LE PROJET LEP

le lundi 3 décembre 1979 – Amphithéâtre – 14 h 30

*La traduction simultanée sera assurée dans l'Amphithéâtre.
Retransmission sur circuit fermé de télévision, sans traduction, dans la Salle du Conseil et les Amphithéâtres des ISR et du SPS.*

1. La physique à LEP: Justifications, par P. Darriulat
(en français)
2. Étude technique de la machine LEP, par W. Schnell
(en anglais)
3. Quelques conséquences de LEP sur les programmes du CERN, par J.B. Adams
(en anglais)

J.B. Adams

L. Van Hove

WEDNESDAY 31 OCTOBER

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Structure of Final States in Perturbative QCD"

by M. Ciafaloni / Scuola Normale Superiore, Pisa, and CERN

Abstract : Evolution equations describing the branching of QCD jets are studied, with particular emphasis on the soft parton region of phase space. This allows us to calculate the multiplicity distributions and the semi-inclusive quantities, such as distributions for a selected colour state.

DD SEMINAR

at 16.00 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"Graphics - The CERN Picture (Panel discussion)"

by M. Howie, W. Jank / CERN-DD

Abstract : The seminar will start with two 10 minute presentations : a) Central Graphics - Present Status and Future Trends, by M. Howie; b) Interactive Graphics for a Physics Experiment, by W. Jank. These presentations are designed to raise more questions than they answer, so as to encourage audience participation. Many aspects can be considered, such as - what does CERN need, where does CERN fail, what is the use of graphics in the CERN environment, etc...?

THURSDAY 1 NOVEMBER

ESO ASTROPHYSICS SEMINAR

at 14.00 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"The Origin of the X-Ray Background"

by M. Geller / IOA Cambridge UK

Abstract : Models for the origin of the cosmic X-ray background (cxb) radiation attribute it to numerous, weak, unresolved discrete sources (e.g. active galactic nuclei), to some diffuse emission mechanism (e.g. thermal bremsstrahlung from a hot intergalactic plasma), or to an unresolved population of discrete sources which evolve substantially with redshift (e.g. quasars as indicated, but not proved, by HEAO-B). Comparison of the cxb flux variations with flux variations in the light from a class (or classes) of candidate objects can measure the relative contributions from these possible sources of the cxb. Available UHURU data are consistent with nearly all the cxb being due to diffuse emission or to a class of sources whose density increases rapidly with redshift.

FRIDAY 2 NOVEMBER

PLENARY ECFA MEETING

at 9.00 hrs - Council Chamber

Draft Agenda of the Twenty-sixth Plenary Meeting :

1. Adoption of the Agenda

2. Approval of the Draft Minutes of the Twenty-fifth Plenary Meeting
3. Communication by the Chairman
4. Report of the ECFA Working Group on High-Energy Physics Activities in the CERN Member-States (J. Mulvey)
5. Conclusions of the ECFA-LEP Study Group (A. Zichichi)
6. Draft Version of the Chairman's Report to the Committee of Council (M. Vivargent)
7. Discussion of the Chairman's Report
8. Standardization of Programmes and Data Structures (R. van der Walle)
9. Next Plenary ECFA Meeting
10. Other Business.

TUESDAY 6 NOVEMBER

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"Is the Proton Stable ?"

by M. Goldhaber / Brookhaven National Lab.

WEDNESDAY 7 NOVEMBER

CERN ENERGY SEMINAR - TECHNICAL LEVEL

at 16.30 hrs - Theory Conference Room

"Agrotherm :

- a cooling system as industrial alternative
- the possibility to use waste heat in an efficient and ecologically beneficial way"

by W. Spiegel / Thyssen Engineering GmbH, Essen

THURSDAY 8 NOVEMBER

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Recent Developments in Lepton Pair Production of Hadrons"

by J. Pilcher / Enrico Fermi Inst., Univ. of Chicago and CERN

FRIDAY 9 NOVEMBER

CERN COMPUTER SEMINAR

at 11.00 hrs - Auditorium

"A Retrospective Look at the Daresbury Network"

by H. Kirkman / Univ. of London Computer Centre