

SEMINARS SEMINAIRES

TUESDAY 23 OCTOBER

CERN COLLOQUIUM

at 16.30 hrs - Auditorium (*)

"A Model of Logical Components of Thinking"

by H. Wermus / Université de Genève

Abstract : A tentative analysis of the logic of "natural thought" as contrasted to formal operations used in mathematics will be presented in an informal way. Some components of cognitive operations such as specific semiotic transformations, contextual influences, hidden assumptions are indicated. The representation of an exterior reality depends a.o. on the logical level and the inferential competence of the thought. The proposed model has been inspired by Piaget's epistemological theories and by numerous experimental results obtained within this framework. This kind of approach may help to state the problem of the relationship between formal and natural logic.

(*) Note : Those attending this colloquium are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

TUESDAY 23 AND WEDNESDAY 24 OCTOBER

SPS EXPERIMENTS COMMITTEE

Open Session / Tuesday 23 October

at 9.00 hrs - Auditorium

Agenda for the Sixty-eighth Meeting

1. An Experiment to Observe Directly Beauty Particles Selected by Muonic Decay in Emulsion (Bari/Brussels/CERN/U.C. Dublin/U.C. London/Open University/Rome/Turin Collaboration; P. Musset; SPSC/79-102/P 133).
2. Status Report on the Measurement of Hyperon-Nucleon Total Cross Sections and Plans for a Charmed Strange Baryon Search (WA 42-Collaboration; P. Extermann; SPSC/79-90/M 193).
3. Status Report on WA 4 (Photoproduction of Hadrons; F. Richard).
4. Status Report on WA 39 (Di-Muon Production by $\pi^\pm$, $K^\pm$, p and $\bar{p}$ at 40 GeV/c; J.D. Dowell).
5. Status Report on NA 1 (Photoproduction of Vector and Scalar Bosons; L. Foà).

Closed Session / Wednesday 24 October

at 9.00 hrs - Sixth Floor Conference Room (Administration Building - Bldg.60)

WEDNESDAY 24 OCTOBER

SPECIAL SEMINAR

at 16.30 hrs - Auditorium

"Highlights of 25 years of physics at CERN" (Lecture 3)

by L. Van Hove / CERN-DG

Abstract : This lecture, the third in a series of three(*), will survey research done at CERN in the last 25 years, concentrating on selected results and highlights. It will cover about the same material as the 25th anniversary lecture given on 30 June at the EPS Conference in Geneva. The pace will be slower and it will be attempted to make the lecture more accessible to non-specialists.

(*) Lectures given on 3, 17 and 24 October 1979.

THURSDAY 25 OCTOBER

PRESENTATION TECHNIQUE

de 09h00 à 16h00 - Salle 1-007 (Bât.17)
(D4 plan CERN Meyrin)

THOMSON-CSF (F), division Tubes Electroniques, expose une gamme de produits dans les domaines suivants : Tubes de puissance à grille - passages étanches - tubes et dispositifs pour hyperfréquence dont fenêtre, canon à électrons de KGP et composants millimétriques - tubes et dispositifs à image y compris panneaux à plasma et pyricon (pour caméra infrarouge).

Langues : Anglais, français.

Renseignements : M. Diraison / FI / 4585

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium (*)

"In Search of Baryonium"

by R. Tripp / Berkeley and CERN

Abstract : A series of experiments performed at BNL on $\bar{p}p$ backward elastic scattering, charge exchange, total and charged annihilation cross-section will be presented. No evidence is found for the narrow structures reported by other experiments at masses of 1936 and 2020 MeV. Our results are consistent with a broader enhancement in the vicinity of $S(1936)$ which, interpreted as a resonance, would have a height of about 3 mb and width of about 20 MeV.

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FRIDAY 26 OCTOBER

TECHNICAL PRESENTATION

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

There will be a technical presentation by the BURROUGHS Computer Corporation. The subject will be data communications using their Burroughs Network Architecture (BNA) system, and its relation to X-25 protocol and networks. The presentation will last approximately 2 hours.

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.

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.

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POUR INFORMATION / FOR INFORMATION

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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 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.

VENDREDI 26 OCTOBRE

SEMINAIRE DU LAPP

à 10h30 - Amphithéâtre du LAPP

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

"Production de dimuons et le modèle de
Drell-Yan"

par F. Vannucci / LAPP

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

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