

COMMUNICATIONS OFFICIELLES

Les membres du personnel sont censés avoir pris connaissance des communications officielles ci-après.

La reproduction même partielle de ces informations par des personnes ou des institutions externes à l'Organisation exige l'approbation préalable de la Direction du CERN.

OFFICIAL NEWS

Members of the personnel shall be deemed to have taken note of the news under this heading.

Reproduction of all or part of this information by persons or institutions external to the Organization requires the prior approval of the CERN management.

COMITE DE CONCERTATION PERMANENT

A sa réunion du 10 mai 1989, le Comité de concertation permanent a approuvé, avec quelques modifications, un rapport sur **l'examen quinquennal des traitements du CERN** élaboré par le sous-groupe Salaires. Ce rapport doit être soumis au Comité consultatif tripartite sur les conditions de l'emploi (TRACE) pour discussion à la première réunion que celui-ci tiendra le 20 juin 1989.

G. Vianès a annoncé qu'à sa réunion du 27 avril le Comité du Conseil a approuvé, avec de petites modifications, **le mandat proposé pour l'examen par TRACE** du rapport mentionné ci-dessus. Ce comité a en outre discuté le rapport préliminaire sur les **questions de politique du personnel** et les délégués des Etats membres ont dans l'ensemble réservé un accueil favorable aux idées exprimées, qui feront l'objet d'un examen complémentaire à la session de juin du Conseil.

Le Comité a en outre été informé sur l'avancement des travaux concernant les **conditions de travail des pompiers**, les **conditions d'emploi des stagiaires-géomètres** et la **planification des effectifs**.

Le Comité tiendra une réunion extraordinaire le 25 mai pour discuter le rapport sur les questions de **politique du personnel** et le **statut et la position de la Caisse de pensions**; la prochaine réunion ordinaire aura lieu le 14 juin 1989.

STANDING CONCERTATION COMMITTEE

At the meeting of the Standing Concertation Committee on 10 May 1989, the Committee approved, with minor modifications, a report on the **Five-yearly review of CERN salaries** that has been prepared by the Salaries sub-group. The report is to be forwarded to the Tripartite Advisory Committee on Conditions of Employment (TRACE) for discussion at the latter's first meeting on 20 June 1989.

G. Vianès reported that at its meeting on 27 April the Committee of Council approved the **proposed mandate for TRACE's** examination of the Five-yearly review of salaries, with minor amendments. It also discussed the preliminary report on **personnel issues**, and the reaction of Member States delegates was generally favourable to the concepts expressed, which will be discussed again at the June session of Council.

The Committee also heard progress reports on the work in hand concerning the **working conditions of the firemen**, the **employment conditions of student surveyors**, and the **manpower planning exercise**.

There will be a special meeting of the Committee on 25 May to discuss the report on **personnel issues** and the **status and position of the Pension Fund**; the next regular meeting will take place on 14 June 1989.

RADIATIVE CORRECTIONS FOR EXPERIMENTALISTS

In the context of the ongoing preparations for the commissioning of LEP and the ensuing physics issues, the TH Division plans to organize a short lecture course on radiative corrections around the Z^0 resonance.

The lectures aim at deriving a physically relevant quantity (for which the Z^0 line shape is taken as an example) starting from first principles (the Lagrangian of the Standard Model). They are aimed at an audience of experimentalists and will therefore be as pedagogical as possible. After attending the lectures experimentalists should in principle be able to appreciate the theoretical ingredients that enter into the predictions for many experimentally relevant observables at LEP. There will be ample time for questions and discussion.

The lecture schedule is as follows :

LECTURE 1 – Introduction and renormalization

Lecturer W. HOLLIK / CERN-TH
Topic The Lagrangian of the standard model; general structure of the theory, renormalization; Δr .
Time Tuesday 30 May at 14.30 hrs until 16.30 hrs
Place Auditorium

LECTURE 2 – Weak corrections in $e^+e^- \rightarrow \mu^+\mu^-$

Lecturer D. BARDINE / JINR, Dubna
Topic Introduction to weak corrections in light fermion pair production; renormalization
Time Thursday 1 June at 14.30 hrs until 16.30 hrs
Place Auditorium

LECTURE 3 – QED corrections in $e^+e^- \rightarrow \mu^+\mu^-$

Lecturer B. WARD / Tennessee & SLAC
Topic Introduction to QED corrections in light fermion pair production; multiple bremsstrahlung; exponentiation
Time Friday 2 June at 11.00 hrs until 13.00 hrs
Place Auditorium

LECTURE 4 – The Z^0 line shape

Lecturer T. RIEMANN / DAW, Berlin
Topic Numerical evaluation of the effects discussed in the previous lectures; total cross-sections around the Z^0 resonance
Time Friday 2 June at 16.30 hrs until 18.30 hrs
Place Auditorium

SEMINARS SEMINAIRES

Monday 29 May

EF SEMINAR

at 11.00 hrs – EF Conference Room
bldg 13, 2-005

Architectural design of a new VLSI FASTBUS integrated master

by Alessandro MARCHIORO / CERN-EF

The performance and flexibility of the present generation of Fastbus master modules can be greatly enhanced by using VLSI technology for the integration of such modules. We will describe architec-

tural aspects and design trade-offs involved in building a new high performance VLSI coprocessor for a RISC cpu. The system design and integration aspects will be covered, with results on the preferred architecture. The design methodology used will also be discussed with emphasis on the simulation aspects and top-down approach to the system integration. The trade-offs involved in a future single chip, fully integrated design, where the FASTBUS master port is merged with the integer unit core and native FASTBUS instruction are added to the instruction set, will be discussed.

Monday 29 May

PROTON SYNCHROTRON AND SYNCHRO-CYCLOTRON COMMITTEE

Open session

at 14.00 hrs – Auditorium