

15.00 Hrs :

M. Bianchi (CERN) : Effets biologiques des radiations de haute énergie.

16.30 Hrs :

H. Joffre (CEA-IPSN) : Dispositif pratique pour la mesure des débits de dose absorbée en fonction de la profondeur dans les tissus mous.

Vendredi 13 Novembre 1981

09.00 Hrs :

J. Drouet et Col. (CEA-CEN Saclay-SPR) : La radio-protection individuelle auprès des accélérateurs de Saclay.

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

ACADEMIC TRAINING (Tél. 2844)

Friday 6 November

10.30 hrs/12.30 hrs - DD Auditorium
(Building 31, 3rd floor)

'Digital signal processing'

by M. Kunt/EPF, Lausanne

Lecture 3

November 13 : 10.30 hrs/12.30 hrs
in DD Auditorium : Lecture 4, by M. Kunt.

November 9, 10, 11 :

at 11.00 hrs - Auditorium

'Non-asymptotic effects in QCD'

by R. Petronzio/CERN

Logarithmic and power behaved corrections to leading estimates in QCD are very relevant for the analysis of present energy experiments. The method and the results of this analysis are presented.

ENSEIGNEMENT GENERAL (Tél.2844)

Jeudi 5 Novembre

13h00/13h30 - Amphithéâtre

'Science pour Tous'

par R. Carreras

Il n'y aura pas de séance le jeudi 12 novembre car l'Amphithéâtre n'est pas libre. Prochaine séance : jeudi 19 novembre.

10.30 Hrs :

H. Schönbacher (CERN) : Résistance aux rayonnements ionisants des matériaux installés autour des accélérateurs.

11.30 Hrs :

K. Goebel (CERN) : Impact radiologique du futur programme CERN (LEP).

14.00 Hrs :

R. Coulon (CEA-IPSN) : Les implications pratiques des nouvelles recommandations de la CIPR.

14.30 Hrs :

Table ronde CIPR 26.

INFORMATIONS **GENERALES** **GENERAL INFORMATION**

REINTEGRATION – Sécurité sociale française

La prochaine permanence de la Sécurité sociale française aura lieu

mardi 3 novembre 1981 de 14h00 à 16h00
salle de conf. N° 2, Div. PE, 1^{er} étage bât. 5.

Les personnes intéressées sont priées de prendre rendez-vous en téléphonant au Secrétariat des Affaires sociales, interne 4201.

A DISPARU

Un micromodule M 68 NM 19 avec la documentation associée a disparu fin août du Bureau 2-003, Bâtiment 36. On espère que la personne qui l'a emprunté a fini de s'en servir et qu'elle sera assez aimable de le rapporter pour que ses collègues puissent l'utiliser à leur tour.

PROCHAIN CONCERT

Mardi 3 novembre 1981 à 20h Amphithéâtre du CERN

Berliner Oktett

Au programme:

J. Haydn Divertimento en ré pour quintette à cordes, cor et basse

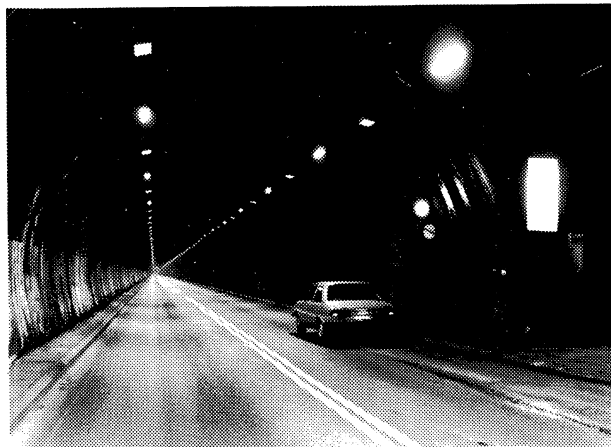
L. Boccherini Sextuor en si bémol maj., op. 42
pour quintette à cordes et cor de chasse

Fr. Schubert Octuor en fa maj., op. 166

N.B. : Billets à Frs 9.- Réservation uniquement par écrit à G. Adam/SPS.

CERN COURIER - November 1981 issue

- Looking at the physics possibilities at the ISABELLE proton-proton ring for Brookhaven.
 - Research with heavy ion beams at Berkeley.
 - S.B. Trieman reviews the current scene in particle physics.
 - News from CERN on the CHARM experiment, records at the Booster, etc.
- available from the beginning of November at :
- Divisional Secretariats,
 - Publications Group,
 - Central and SPS Libraries.



A MESSAGE TO SPS STAFF AND USERS

Reduction in electricity supplies during critical periods in winter 1981/82

CERN has signed a trial contract with EDF (Electricité de France), by which it undertakes, in return for special prices, to reduce its electricity consumption at the request of EDF when the grid system is undergoing a peak demand (see CERN Bulletin No. 41, 5 October 1981).

The contractual period for compulsory load-shedding begins on 1 November 1981 and ends on 31 March 1982. Over these five months, CERN will have to reduce the power it takes from the EDF network from 83 MW to 18 MW during *twenty-two 18-hour periods*, each beginning at 7 a.m. and ending at 1 a.m. on the following day. Notice will be given by EDF to the SB control room at 5 p.m. on the previous day. The period of notice may be reduced to 2 hours on days following weekends and public holidays.

During these periods the SPS accelerator will be put on stand-by, as will the beams and spectrometers in the North, West and $p\bar{p}$ experimental areas. The test facilities in assembly hall 867 will be automatically shed.

These operations will be carried out either automatically, on the basis of data transmitted by the EDF metering computer, or by the operators in the MCR, CRN and CRW control rooms. The load-shedding will begin at 6.45 a.m. and will end at 1 a.m. on the following day.

In order to inform the SPS staff and users that load-shedding has taken place during the night, the security staff will place flashing signs at the two entrances to the SPS and at the entrances to $p\bar{p}$ areas 4 and 5 with the following warning :

CRITICAL PERIOD
Reduce Power Consumption

A similar message will be displayed on the video screens.

In the interests of all concerned, staff should refrain from carrying out tests or work requiring a heavy current, because the electricity on these days will cost 3 times as much as it does on any other winter day (and 13 times more than it does in summer). Moreover, any trend toward exceeding the 18 MW limit would cause a sudden load-shedding at the input station, which could jeopardise the start-up of the accelerator.

O. Bayard
Head of the SPS/SEL Electricity Group