

Faisant suite à une décision du Comité Exécutif, des places et des zones de stationnement réservées aux visiteurs ont été aménagées en différents endroits du CERN. Ces cases sont strictement réservées

- aux personnes faisant une courte visite au CERN (quelques heures)
- au personnel du CERN qui fait une brève visite à un endroit du CERN très éloigné du lieu normal de son travail (par exemple, quelqu'un travaillant sur le site de Meyrin qui participe à une réunion sur le site de Prévessin).

Le Service de Sécurité a reçu l'ordre de rapporter tous les cas de violation de ce règlement.

Division Santé et Sécurité

PARKING FOR VISITORS

Parking spaces and parking areas reserved for visitors have been established in a number of places following a decision by the Executive Board. These are reserved strictly for :

- people paying a brief visit to CERN (a few hours)
- CERN personnel paying a short visit to a part of CERN far away from their normal place of work (for example someone working on the Meyrin site attending a discussion on the Prévessin site).

The Site Security Service is instructed to report violations of this rule.

Health and Safety Division

PARKING REGULATIONS AND TRAFFIC RULES

At its meeting of 4 March 1976, the Executive Board decided that parking regulations and traffic rules shall be enforced strictly on the CERN sites. The Site Security Service has been instructed to take the following measures:

- in case of a first violation a warning notice will be issued,
- in case of further violations within one year of the first one, the vehicle concerned will be banned from the CERN sites for a period of seven calendar days,
- if a car parked illegally creates an obstruction which is a danger to safety, the Site Security Service may arrange for it to be towed away.

Health and Safety Division

WEST EXPERIMENTAL AREA

As from Friday 22 October, the West Experimental Halls EHW1 and EHW3 will be re-classified as Controlled Radiation Areas. Personnel working in those halls could be exposed to radiation hazards. If you have a film badge you should take it with you to monitor your exposure while working in or visiting those areas. If you do not have a film badge or you supervise contract or temporary labour working in the halls who do not have film badges you should contact G. Stevenson (ext. 4623) or A. Fasso (ext. 3937).

Radiation Protection Group

A partir du vendredi 22 octobre, les halls d'expérience Ouest EHW1 et EHW3 redeviendront des Zones Contrôlées "Radiation". Le personnel travaillant dans ces halls pourrait être exposé à un risque dû aux rayonnements. Ceux qui possèdent déjà un film badge sont invités à le porter pour contrôler leur exposition personnelle lorsqu'ils travailleront ou se rendront dans ces zones. Si vous ne possédez pas de film badge ou si vous êtes responsables de travailleurs temporaires ou d'entreprises sous contrat travaillant dans ces zones et ne portant pas encore de film badges, vous êtes priés de contacter G. Stevenson (tél. 4623) ou A. Fasso (tél. 3937).

Groupe Radioprotection

SEMINARS SEMINAIRES

MONDAY 18 OCTOBER

TECHNICAL PRESENTATION

11.00 hrs - 16.00 hrs - Bldg.513 R.043

NEOTEC, Bureau Technique Max Neukomm S.a.r.l., will make a demonstration in on-line modus and in off-line modus of their products TEC, Teletype... (USA) : Low-Cost-Display-Terminal (TEC) - Keyboard-Display-Printer-Terminal (Teletype Model 40) - HyQuality Printer/Plotter (Diablo-Hyprint) - Matrix Printer - Teletype-Silent-33 Printer - Digital-Cassette-Recorder - Attendance -Card-Terminal - Modems 300 Bd, asynchronously - Modems 2400 Bd, synchronously - Asynchron/Synchron-Converters.

Languages : English, French, German.

Information :

M. Diraison/FI/4585

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Precise Measurement of the $2S_{1/2}-2P_{3/2}$

Splitting in the $(\mu-^4\text{He})^+$ muonic ion" by E. Zavattini

Abstract : The results of a new measurement of the $2S_{1/2}-2P_{3/2}$ splitting S^1 in the muonic ion $(\mu-^4\text{He})^+$ are presented. We found $S_{\text{exp}}^1 = 1527.5 \pm 0.3$ meV. Using the new, recently determined, value of the r.m.s. charge radius for the ^4He we obtain for the difference D , between S_{exp}^1 and the corresponding theoretical prediction, the value $D = 0.2 \pm 4.2$ meV : this value directly confirms, assuming μ -e universality, the QED vacuum polarisation prediction to 0.25%.

TUESDAY 19 OCTOBER

PARTICLE PHYSICS SEMINAR

at 16.30 - Auditorium

"Dilepton results from the BNL-Columbia neutrino experiment at FNAL"

by R.B. Palmer / BNL

THURSDAY 21 OCTOBER

TECHNICAL PRESENTATION

09.00-16.30 - EP Conference Room
(Bldg. 1, 1-025)

SILENA S.p.A. (I) will demonstrate the SILENA "System 27". It is a portable, extremely versatile and easy to operate pulse height analyser that incorporates a number of significant design advances studied to meet the needs of research workers in the nuclear physics field.

The main features include a 1024-channel memory, a 2048-channel analog-to-digital converter, a built-in display and parallel printer. The system also provides for selection of any number of regions of interest, spectra integration with or without background subtraction, data out to magnetic cassettes and interfacing to digital computers.

Language: *English.*

Information:
M. Diraison/FI/tel. 4585

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Neutral Current and Parity Violation in the Gargamelle Neutrino Experiment"
by P. Petiau / Ecole Polytechnique, Paris.

MONDAY 25 OCTOBER

EP SEMINAR

at 11.00 - Large Conference Room
(Lab. 13 - 2-005)

"Recent results on high p_T phenomena from the ISR/Split Field Magnet facility and their impact on hard scattering models"

by H.G. Fischer / CERN

NUCLEAR PHYSICS SEMINAR

at 16.00 - Theory Conference Room

"Multiple production in high-energy hadron-nucleus collisions"

by L. Bertocchi / CERN-Trieste

Abstract: The experimental situation and the comparison with the predictions of a number of theoretical models will be reviewed.

TUESDAY 26 OCTOBER

PARTICLE PHYSICS SEMINAR

at 16.30 - Main Auditorium

"A topological approach to the dynamics of quarks and hadrons"

by G. Veneziano / Weizmann Institute-CERN

TRAINING AND EDUCATION ENSEIGNEMENT

THURSDAY 21 OCTOBER

FRIDAY 22 OCTOBER

ACADEMIC TRAINING

at 11.00 - Auditorium

"Relationship between structure of materials and their properties"

by M.B. Waldron / University of Surrey

(For details, see last week's Bulletin and notices)

JEUDI 21 OCTOBRE

ENSEIGNEMENT GENERAL

13.00-13.30 - Amphithéâtre

"Science pour Tous" - R. Carreras

Programme

1. En bref

- Vu, lu et entendu.
- Les "petits ions" de l'air ont-ils une influence sur les êtres vivants ?
- L'élément 107 synthétisé.

2. Question

La plus grande partie du mercure qui se trouve dans l'atmosphère terrestre ne provient ni de l'activité humaine, ni des volcans, ni des sources thermales, ni des océans, ni de l'espace (météorites, etc.). Il y a, en effet, une "mystérieuse" source de mercure sur notre planète. Laquelle ?

3. Thème principal (pour détails, voir affiches)

"Cartographie thermique de la planète Mars"

THURSDAY 28 OCTOBER

FRIDAY 29 OCTOBER

ACADEMIC TRAINING

at 11.00 - Auditorium

"Reinforcement of brittle matrices (Composite materials)"

by A. Kelly / University of Surrey

Abstract: The theory and practice of reinforcing brittle things such as cement, resins, plaster, and glass with fibres will be reviewed. The difference between fibre reinforcement and particle reinforcement will be emphasized.

The first lecture will give the basic theory and relate the matrix cracking strain and failure of the composite to parameters such as volume fraction, elastic modulus, length and strength of the fibres to the properties of the composite.