

STATUT ET REGLEMENT DU PERSONNEL -
Fiches d'information

Un état récapitulatif des fiches d'information en service au 1^{er} juillet 1977 est disponible auprès des Secrétariats de Division.

Division du Personnel
Tél. 2855

STAFF RULES AND REGULATIONS -
Information Sheets

A list of Information Sheets in force as of 1st July, 1977 is available at each Division Secretariat.

Personnel Division/
Tel. 2855

SEMINARS SEMINAIRES

MONDAY 11 JULY

EP SEMINAR

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

"Search for the limits of accuracy of multiwire proportional chambers"

by A. Policarpo / CERN-EP

Abstract : It is possible to measure with an accuracy better than 10 microns the position of avalanches in a chamber. The accuracy in the measurement of the spatial position of particles is limited only by the physical effects associated with the interaction of the particles with the gas.

High accuracy, two dimensional chambers, with a good resolution time, can now be envisaged for experiments.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Radial distribution of neutrons from elastic electron scattering"

by I. Sick / Univ. of Basel

Abstract : The distribution of neutrons in nuclei is still rather uncertain, due to the uncertainties in the reaction mechanism involved when using strongly interacting probes. Elastic magnetic electron scattering of high multipolarity for the first time allows to measure (valence-) neutron radial wave functions in a clean and precise way. An experiment performed on ^{87}Sr and ^{93}Nb yields valence-shell rms-radii considerably smaller than predicted by DDMF-theory. In conjunction with the well-known Coulomb energy anomaly, this points to a violation of charge symmetry in the NN force.

TUESDAY 12 JULY

CERN COLLOQUIUM

at 16.00 hrs - Auditorium

"History of particle physics II : the electron"

by A. Pais / CERN - Rockefeller Univ., New York

Abstract :

- 1) *Preludes* : nineteenth century views on charge quantization.
- 2) *Discovery* : Zeeman, Wiechert, Thomson.
- 3) *First generation weak interaction experiments are often qualitatively wrong.*
 - a) *early determinations of the mass-energy-velocity relation for the electron. Reactions by Lorentz and by Einstein.*
 - b) *the earliest experiments on the shape of the β -spectrum yield first a monochromatic spectrum, then a discrete spectrum, finally a continuous spectrum.*

WEDNESDAY 13 JULY

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"How does one verify the weak interaction properties on the new particles?"

by A. Pais / CERN - Rockefeller Univ., New York

Abstract : Why the determination of the properties of the new particles causes novel problems. The triton (τ) : leptonic characteristics, ρ parameter, the triton neutrino. Charm : tagged decays in e^+e^- annihilation, D^+/D^0 lifetime ratio, isoscalar hypothesis in production, simple fixed sign lepton production in e^+e^- annihilation. Some properties of one hadron inclusive distributions for dilepton events in ν and $\bar{\nu}$ reactions. CP and charm.

PRESENTATION TECHNIQUE

de 14h00 à 16h00

Parking PTT (près Bât.63)

La maison SAURER-ALLMA GmbH (D), représentée par Josef BINKERT AG (CH), propose : - la démonstration d'étaux à haute pression ALLMATIC pour machines-outils avec broches mécaniques et pneumatiques; - tests de pression et de précision.

Langue : français.

Renseignements : M. Diraison / FI / Tél.4585

THURSDAY 14 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Evidence for new vector mesons in e^+e^- annihilations between 1 and 2 GeV"

by R. Biancastelli / Istituto Superiore di Sanità, Rome

WEDNESDAY 20 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Observation of a dimuon resonance at 9.5 GeV in 400 GeV proton-nucleus collisions"

by L. Lederman / Columbia Univ.

THURSDAY 21 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Measurement of the photon total cross-section at high energies in the Fermilab tagged photon beam"

by T. Nash / Fermilab

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

SUMMER STUDENT LECTURES

<u>Date</u>	<u>Time</u>	<u>Title</u>
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This week :

13.7	- 8.30	Opening Session
	10.00	R. Carreras - High energy physics in everyday language
14.7	- 8.30	G. Stevenson - Radiation protection in accelerator environments
	10.00	E.G. Michaelis - A bird's eye view of CERN accelerators
15.7	- 8.30	P. Sonderegger - High energy physics for the non-physicist
	10.00	E.G. Michaelis - A bird's eye view of CERN accelerators

Next week :

18.7	- 8.30	P. Sonderegger - High energy physics for the non-physicist
	- 10.00	E.G. Michaelis - A bird's eye view of CERN accelerators
19.7	- 8.30	P. Sonderegger - High energy physics for the non-physicist
	10.00	E. Curran - Introduction to computing at CERN
20.7	- 8.30	P. Sonderegger - High energy physics for the non-physicist
	10.00	T. Bloch - The architecture of super computers
	11.15	V.F. Weisskopf - Particles and symmetries
21.7	- 8.30	P. Sonderegger - High energy physics for the non-physicist
	10.00	T. Bloch - The architecture of super computers
	11.15	V.F. Weisskopf - Particles and symmetries

22.7	- 8.30	T. Bloch - The architecture of super computers
	10.00	T. Bloch - (idem)
	11.15	V.F. Weisskopf - Particles and symmetries.

All the lectures are held in the Auditorium and given in English.

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

OBJETS TROUVES EN JUIN 1977

(A réclamer au Service Sécurité)

Le 9.6.77, une sacoche de cuir avec papiers trouvée parking bât. 168,
Le 14.6.77, un bracelet argent trouvé au BA 2,
Le 17.6.77, un bon d'achat trouvé devant bât.168,
Le 17.6.77, un gant trouvé dans le bât.30, 5e ét.,
Le 20.6.77, un bracelet trouvé parking labo.4,
Le 21.6.77, un trousseau clefs trouvé devant labo.13.

ON RECHERCHE

La personne qui a emprunté dans le hall Sud (faisceau M14) un générateur d'impulsions TEKTRONIX, PG 501, No. série 81715, No. série module 73099, appartenant au groupe de Strasbourg, est priée de bien vouloir prendre contact avec le 5909.

TOUR DE FRANCE CYCLISTE 1977

14e étape : Besançon/Thonon-les-Bains par la Nationale 5 - samedi 16.7.77.

La circulation sera interdite sur l'itinéraire suivant (dans les 2 sens) :

- Département de l'Ain : la Vallay, la Faucille, Gex (frontière) entre 12h40 et 15h30.
- Suisse : Gd-Saconnex, Genève, Vesenaz, Jussy entre 13h17 et 16h10.
- Département de Haute-Savoie : Machilly, Col de Cou, Chignens, le Traz, Thonon entre 13h49 et 17h40.

ANNUAL REPORT 1976

Copies are now available upon request from the Scientific Information Service. Please return the completed label to Miss L. Besson/SIS.

RAPPORT ANNUEL 1976

Des exemplaires sont disponibles sur demande auprès du Service d'information scientifique. Veuillez renvoyer l'étiquette ci-dessous, dûment remplie à Mlle L. Besson/SIS.

Annual Report 1976 / Rapport annuel 1976

Name/Nom : ☐ English ... copies

Division : ☐ français ... ex.