

seminars

CERN NUCLEAR PHYSICS SEMINAR

Monday, July 5
at about 11.00
Theory Conference Room

Dr. P. G. Hansen, CERN, will give a brief report :
"Possible Evidence for Stable Superheavy Elements in Nature"
on Monday, July 5 at 11.00 hrs, in the Theory Conference Room
before Dr. Hadermann's Seminar.

"Muon-Induced Fission"
by J. Hadermann / EIR, Würenlingen

Abstract : When a muon is captured in an actinide atom two processes are inducing fission. A radiationless Coulomb transition may lead to prompt fission, the $2p-1s$ energy difference being of the same magnitude as the fission barrier. The second process, namely delayed fission, is more complex, as nuclear muon capture leads to a whole spectrum of excited nuclei. Muon capture is calculated in a simple model, and extracting reaction widths from neutron and photon induced fission data, delayed fission probabilities are compared to experimental results.

EP SEMINAR

Monday, July 5
11.00
Auditorium

"Production of Massive Dimuon Pairs at FNAL"
by Pierre A. Piroue / Princeton University

Abstract : An experiment is described in which the production of muon pairs is observed in proton nucleus collisions. The muon pairs are detected with an asymmetric double arm spectrometer. The muons observed have effective masses between 7 and 11 GeV/c². One arm consists of a magnetic focusing spectrometer of small solid angle. The other arm (Multi-Hole Spectrometer) consists of ten scintillation detectors buried in the earth and covering a large solid angle.

PROTONSYNCHROTRON COMMITTEE

Monday, July 5
14.30
Auditorium

Open Session

1. Introductory remarks by L. Van Hove.
2. A status report on experiment S132 - A search for heavy masses by a symmetric bispectrometer - by the Annecy (LAPP)-Brussels (IISN) - Freiburg i.Br. collaboration.
3. A status report on experiment S151 - A study of $\bar{p}p$ X-rays - by the Basel-Karlsruhe-Stockholm collaboration, presented by L. Tauscher (CERN/PSC-76/1).
4. A status report on experiment S137 - $K^+n \rightarrow K^0p$ at 6 GeV by the Saclay (CEN) group, presented by A. De Lesquen.

Closed Session

Tuesday, July 6
09.00 - EP Conference Room

SPECIAL NUCLEAR PHYSICS SEMINAR

Tuesday, July 6
11.00
Theory Conference Room

"Parity violation in p-p scattering"
by R.E. Mischke / Argonne National Laboratory and Los Alamos Scientific Laboratory

CERN PARTICLE PHYSICS SEMINARS

Tuesday, July 6
16.00
Auditorium

"Possible measurement of velocity distribution inside a polarized nucleus and a polarized hadron"
by C.N. Yang / Stony Brook and CERN

Thursday, July 8
16.00
Auditorium

"Highlights of the Aachen Neutrino Conference"
by H. Faissner / Technische Hochschule Aachen

Monday, July 12
11.00
Theory Conference Room

"A Measurement of the Rate for the Rare Decay $K_L^0 \rightarrow \mu^+ \mu^-$."
by M. Shochet / The Enrico Fermi Institute

Tuesday, July 13
16.00
Auditorium

"Observation in e^+e^- Annihilation of a Narrow State at $1865 \text{ MeV}/c^2$
Decaying to $K\pi$ and $K\pi\pi\pi$."
by G. Goldhaber / Lawrence Berkeley Laboratory

INTERSECTING STORAGE RINGS COMMITTEE

Wednesday, July 7
09.30
Council Chamber

Open Session

1. Presentation by V. Goggi of a Proposal to Study Exclusive Neutron Reactions and Coherent Proton-Deuteron Processes with the Split-Field Magnet.

Wednesday, July 7
at about 11.00
Conference Room
(6th floor - ADM Building)

Closed Session

CERN COMPUTER SEMINAR

Friday, July 16
14.00
Auditorium

"The Future of Magnetic Recording for Information Storage"
by G. Bate / IBM Research Laboratory, Boulder, Colorado

PRESENTATION TECHNIQUE

Jeu 8 juillet
de 09h00 à 12h00 et
de 14h00 à 16h30
Parking PTT
(près Bât. ADM)

La maison VIBRO-METER SA (CH), spécialisée dans la mesure, le contrôle et la surveillance électronique de grandeurs mécaniques, expose un aperçu complet de son programme ainsi que des modèles spécifiques de capteurs en fonction : modèle de vibration-banc d'essai pour moteur électrique - capteurs pour la protection contre la surcharge - capteurs de précision pour la mesure de poids - capteurs de couple ; appareils pour la R et D : transmetteurs rotatifs, accéléromètres miniatures, capteurs de pression (st. et dyn.), ampli de charge universel, capteurs inductifs de chemin, ponts de mesure à fréquence porteuse 8kHz.

Langues : allemand,
anglais, français

Renseignements :
M. Diraison / FI / 4585

enseignement

SUMMER STUDENT LECTURES

Next week :

In the Auditorium
Language : English

at 08.30	14.7	
	15.7	- TV -
	16.7	- TV -
at 10.00	14.7	- R. Carreras
	15.7	- U. Amaldi
	16.7	- U. Amaldi

Opening Session
FORTRAN Programming
FORTRAN Programming

-High energy physics popularisation : an attempt
-Experiments on fundamental particles
-Experiments on fundamental particles.