

SEMINARS SEMINAIRES

MONDAY 4 JULY

EP SEMINAR

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

"Deep underwater detection of neutrinos
(Dumand project)"

by John Learned / Univ. of California,
Irvine

Abstract : Scientific aspects of the DUMAND project which will utilize Cerenkov and acoustic detection of neutrino (and muon) events in a large volume (1 km³) of clear seawater (Hawai location proposed) will be discussed.

CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - Theory Conference Room

"Evidence for the existence of protonium
(pp-ATOM)"

by R.D. Wendling / CERN-EP

Abstract : In an experiment at the CERN-PS, where antiprotons were stopped in Hydrogen gas, X-rays of very low energy (~2 keV) have been detected. The X-rays occur at a rather low yield of a few percent per stopped antiproton. They may be attributed to atomic transitions to the n=2 state of the bound pp-system, thus giving the first experimental evidence for the existence of this system.

WEDNESDAY 6 JULY

THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Hadron jets"

by M. Jacob / CERN-TH

Abstract : Present evidence for jets in hadron interactions is reviewed. Jets observed in hadron induced and lepton induced reactions are compared. Topical questions concerning jet fragmentation, the nature of the relevant constituents and the properties of their interactions are discussed.

ESO ASTROPHYSICS SEMINAR

at 14.30 hrs - DD Conference Room
(Bldg.13 - 3rd floor)

"Results from statistical analysis of
galaxy distribution"

by P.J.E. Peebles / Princeton Univ.

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

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

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

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES - Next week

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|------|---|-------|---|
| 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 - "The CERN accelerators" |
| 15.7 | - | 8.30 | P. Sonderegger - "High energy physics for the non-physicists" |
| | | 10.00 | E.G. Michaelis - "The CERN accelerators". |

These lectures will be held in the Auditorium, and given in English.

SUMMER STUDENTS

As in previous years at this time, CERN is host to a number of summer students coming from the Member-States. The 150 places available are allocated to groups in the scientific and technical divisions, and selection among the 1100 applicants (again a record !) was no easy task. In addition to working in their groups the summer students have the opportunity to follow a course of lectures, which will be given in the period July 13 to August 26. The complete programme together with lecture summaries will be available by about July 8 in the form of a brochure. This brochure will be distributed to all students and lecturers as well as to divisional secretariats from whom copies can be obtained. The Summer Student Programme is organized by the Fellows and Associates Service, Personnel Division to which any question concerning the programme should be addressed.

Fellows and Associates Service/
Ext. 4471-2-3
Personnel Division