

SEMINARS SEMINAIRES

MONDAY 16 JULY

EP SEMINAR

at 17.00 hrs - Auditorium

"Results from the charged hyperon beam at the SPS on Ω^- decays"

by H. Plochow / CERN

Abstract : In the charged hyperon beam at the SPS a sample of about 15000 reconstructed Ω^- decays has been collected at 3 different energies. Results on the lifetime, using the $\Omega^- \rightarrow \Lambda^0 K^-$ mode, on the dominant branching ratios, the rare decay modes and on the α parameter will be presented based on a smaller sample. An $\bar{\Omega}$ flux has been measured for the first time.

TUESDAY 17 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"Evidence for fractional charge 1/3 e on matter"

by W.M. Fairbank / Stanford

Abstract : A report on the experiment searching for quarks imbedded in matter, using magnetic levitation on niobium spheres (See Phys. Rev. Lett. 42 (1979) 142).

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

WEDNESDAY 18 JULY

CERN ENERGY SEMINAR - TECHNICAL LEVEL

at 16.00 hrs - Theory Conference Room

"Materials for new energy sources"

by M. Van de Voorde / C.E.C., Petten

Abstract : The design and construction of new energy production plants necessitates developments in material technologies. During a recent study of the r & d "materials" needs in the European communities, it became apparent that there was considerable need for information on constructional materials operating at high temperatures (above 600°C) under stress in corrosive environments. This talk includes a short description of some new energy sources : special attention will be devoted to conversion processes presently popular in Europe. It will also pinpoint the material problems encountered in such installations and will give the present situation in material knowledge and current r & d in Europe.

THURSDAY 19 JULY

CERN ENERGY SEMINAR - GENERAL LEVEL

at 16.00 hrs - Auditorium (*)

"Materials for new energy sources"

by M. Van de Voorde / C.E.C., Petten

Abstract : Same as for the Energy Seminar, technical level.

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TUESDAY 24 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Diffractively produced resonances at high energies in the final state ($\pi \pi \pi^+$)"

by G. Thompson / University of Oxford

WEDNESDAY 25 JULY

CERN COMPUTER SEMINAR

at 14.00 hrs - Auditorium

"TRIPOS - a portable operating system for mini-computers"

by M. Richards / Cambridge Univ., England

INFORMATIONS

GENERALES

GENERAL INFORMATION

SIGNALISATION ROUTIERE AU CERN

Nous procédons actuellement à la révision de toute la signalisation routière sur les deux Sites.

Toute personne ayant des remarques ou suggestions à faire est priée de bien vouloir en faire part à Monsieur B.W. Gamble, Chef des Services généraux, Division HS. Prière de ne pas téléphoner.

CERN TRAFFIC SIGNS

We are reviewing the present traffic signals on both Sites.

If any person has a suggestion(s) or observation(s) to make, please communicate this information to Mr. B.W. Gamble, Head of General Services, HS Division. Please do not phone.