

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"A high statistics study of $A^0 + p + e^- + \nu$

by M.N. Kreisler / CERN and Univ. of
Massachusetts-Amherst

Abstract : A high statistics study of the weak decay $A^0 \rightarrow p + e^- + \nu$ has been conducted in the neutral hyper on beam at Brookhaven National Laboratory, during the experiment, a sample of $\sim 150,000$ decays were obtained which will allow a precise determination of all the form factors as well as permit a search for second class currents. The first results of this experiment, including a measurement of the rate $\Gamma(K^0 \rightarrow p + e^- + \nu) / \Gamma(A^0 \rightarrow p + \pi^0)$ and the ratio of the axial vector coupling to vector coupling, based on a portion of the data will be presented.

(*) 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.

THURSDAY 7 JUNE

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"Further measurements of parity non-conservation in inelastic electron scattering"

by M. Borghini / CERN

Abstract : Earlier measurements of parity violating asymmetries in the inelastic scattering of longitudinally polarized electrons from deuterium have been extended to cover the range $0.1 < y < 0.36$. The observed asymmetry shows only slight y-dependence over this range. The results will be compared to the expectations of various models : the influence of the hadron structure will be discussed.

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MONDAY 11 JUNE

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - Theory Conference Room

"Vector and tensor polarization induced in proton-deuteron elastic scattering with 3.4 1.9 GeV/c deuteron beams"

by G. Igo / UCLA

EP SEMINAR

at 17.00 hrs - Auditorium

"The HYBUC sigma magnetic moment experiment"

by R. Settles / MPI, Munich and CERN

FRIDAY 15 JUNE

CERN COMPUTER SEMINAR

at 14.00 hrs - Council Chamber

"EMMA, an unbounded multimini processor structure"

by L. Stringa / Research Dept., Elettronica
San Giorgio, ELSAG, Genova, Italy

TRAINING AND EDUCATION ENSEIGNEMENT

(Secrétariat: Tél. 2844)

WEDNESDAY 6 JUNE

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Ultra-high vacuum science and technology"

Pressure measurements

Fressure and molecular density. Calibration of pressure gauges for DEV. The ionization gauge with hot cathode and the improvement by Bayard and Alpert. Various types and gauges. Modulation. External collector. The Bent Beam gauge and the present low pressure measuring limitations.

Lecture 4, by C. Benvenuti / CERN

THURSDAY 7 JUNE

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Ultra-high vacuum science and technology"

Residual_gas analysis

Instruments of different design. The theory of the radio frequency quadrupole residual gas analyzer. "Practice of residual gas analysis.

Lecture 5, by E. Fischer / CERN

ENSEIGNEMENT GENERAL

13h00 - 13h30 - Amphitheatre

"Science pour Tous"

par R. Carreras

FRIDAY 8 JUNE

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Ultra-high vacuum science and technology"

The ion induced gas desorption of typical UHV materials after different treatments. Different methods of surface analysis and their application for surface conditioning.

Lecture 6, by A. Mathewson / CERN

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"The hadronic structure of the photon"

by D. Yennie / Cornell Univ.

(For abstract, see next week's Bulletin and notices.)

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INFORMATIONS

GENERALES

GENERAL INFORMATION

ENGLISH LANGUAGE SPECIAL EDUCATION ASSOCIATION (ELSEA)

The English Language Special Education Association ELSEA is seeking a teacher with appropriate professional qualifications, of English mother tongue, to work with a small group of children with special learning problems, within the International School system, to start in September 1979. Candidates should contact Mrs. A. JACKSON, Tel. (021) 76.60.12, or Mrs. R. HORNE, Tel. (023) 41.24.91, or write to Mrs. R. HORNE - Poste Restante, Meyrin Village 1217.

Personnel Division / Tel. 3653

ELECTRONICS NEWSLETTER

This new publication, planned by the Electronics Board (DD, EF, EP), aims at providing a convenient channel of communication between designers and users of electronics instruments and on-line data acquisition systems.

To ensure being on the mailing_list, fill in and return the formula below. When you have a contribution, send it to the Editor (Ian Pizer / EP, Tel. 3330), or to the Assistant Editors (Bob Dobinson / EP, Tels. 6721, 6421, 6522; Brian Martin / DD, Tels. 5033, 5077; Georges Schuler / EF, Tel. 3889), or the Secretary (Claudette Pailley / EP, Tel. 2656). Contributions_from all sources will be_welcome.

The Newsletter policy is "concentrated communication" so we will mainly publish summaries of work done or being done, or extracts from complete documents, new ideas, new equipment, etc. Authors or sources will be indicated so you can obtain further information directly.

Topics which were previously treated in CAMAC NEWS will also be included in the NEWSLETTER.



To : Mrs. C. Pailley / EP Division

Please put my name on the mailing list for the ELECTRONICS NEWSLETTER :

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