

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"Exact Factorizing S Matrices in two Dimensions"

by P. Weisz/Freie Universitat Berlin

Abstract: Exact S matrices for many two-dimensional models have now been calculated. These will be reviewed and their relation to quantum field theoretical models discussed. New results and possible new techniques will also be presented.

THURSDAY 22 FEBRUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium *

"K⁰ regeneration by electrons"

by V. Telegdi/ETH, Zurich & CERN

Abstract: About 20 years ago, Feinberg and Zel'dovich noted independently that the r.m.s. charge radius $\langle R^2 \rangle$ of neutral kaons could be different from zero and opposite in sign for K⁰ and $\bar{K}^0$. Zel'dovich furthermore proposed a method to measure $\langle R^2 \rangle$ via regeneration of $\bar{K}^0$ by electrons. As the usual (nuclear) regeneration amplitude falls -pfc $\sim \Lambda^2$ while the electron regeneration amplitude is independent of pfo a measurement of the latter becomes easier at big p $^\Lambda$. We report on a recent measurement at Fermilab with 30 <py<100 GeV/c. Its results confirm the predictions of vector dominance and/or the quark model.

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

TRAINING AND EDUCATION ENSEIGNEMENT

21, 22, 23 FEBRUARY

ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"Some aspects of the microstructure and thermal stability of dispersion alloys"

by P. Cotterill/University of Surrey

Lecture 1 : The evaluation of the interparticle spacing in dispersion alloys

Lecture 2 : The influence of stress on the micro-structure of dispersion alloys

ESO ASTROPHYSICS SEMINAR

at 14.00 hrs - DD Conference Room
Bldg. 31, third floor

"A model for QSO absorption lines"

by S. Falle/University of Leeds

Abstract: It is proposed that QSO absorption lines originate in thin sheets of gas a few kiloparsecs from the QSO. These sheets are formed by the interaction of a wind from the QSO with the surrounding gas, and then accelerated to high velocities by radiation pressure.

MONDAY 26 FEBRUARY

SPECIAL SEMINAR

at 16.00 hrs - Auditorium

"Cosmic neutrinos and cosmic ray acceleration"

by M. Shapiro/Naval Research Laboratory, Washington

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
(top floor of building 30)

"Recent Performance of PETRA"

by A. Piwinski/DESY

TUESDAY 27 FEBRUARY

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Purely leptonic neutrino reactions in Gargamelle"

by C. Matteuzzi/CERN

Lecture 3 : The influence of annealing on deformed dispersion alloys
(for detailed abstract, see notices)

JEUDI 22 FEVRIER

ENSEIGNEMENT GENERAL

13h00 à 13h30 - Amphitheatre

"Science pour tous"