

## TUESDAY 8 FEBRUARY

### CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Status Report on the  $\mu \rightarrow e\gamma$  Experiment  
at SIN"

by C. Petitjean / SIN, Villigen

## WEDNESDAY 9 FEBRUARY

### THEORETICAL SEMINAR

at 14.00 hrs - Theory Conference Room

"Issues in Weak Interactions"

by M.K. Gaillard / CERN, Orsay

*Abstract : Some outstanding questions in weak interactions, particularly those relevant to high energy neutrino experiments, will be reviewed within a gauge theoretical framework.*

### SPS SEMINAR

at 16.30 hrs - SPS Auditorium

"Experiments to Study Hyperons in the  
West Area"

by R.M. Brown / Rutherford Laboratory

*Abstract : The special compact Y1 beam-line in the West Area should provide fluxes of negatively charged hyperons which are two orders of magnitude greater than those previously available. Experiment WA 2 is designed to study a variety of different hyperon decay processes and will provide new information on the properties of the weak interaction.*

## THURSDAY 10 FEBRUARY

### CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Evidence for a Narrow Peak in  $K_S^0 \pi^+ \pi^-$   
at 2.6 GeV in 12 GeV/c pp Interactions"

by Y. Goldschmidt-Clermont / CERN

*Abstract : The CERN-Brussels-Imperial College-Mons-Orsay Collaboration reports evidence for a narrow charged peak (5.5 s.d.), which we suggest calling the  $I_1$ , in the 6-prong- $V^0$  topology of  $pp$  interactions at 12 GeV/c. The mass, width and the product of cross-section  $\sigma_I$  times the branching ratio BR into the final state ( $K_S^0 \pi^+ \pi^-$ ) are found to be :*

$$M_{I_1} = 2.60 \pm 0.01 \text{ GeV}/c^2$$

$$\Gamma_{I_1} \leq 0.018 \text{ GeV}/c^2$$

$$\sigma_I \cdot BR \approx 20 \text{ } \mu\text{barn.}$$

## FRIDAY 11 FEBRUARY

### PS SEMINAR

at 10.30 hrs - PS Large Conference Room  
(Bldg.6-2-004)

"Simple Minded Theory of Electron and  
Stochastic Beam Cooling - Part II"

by D. Mohl

*Abstract : Beam cooling seems to open the accelerator builder's dream to betray Liouville's Theorem. The simple theoretical presentation will be completed by pointing to possible practical applications.*

## MONDAY 14 FEBRUARY

### EP SEMINAR

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

"A New Electromagnetic Shower Detector with  
an Energy Resolution Comparable to NA 1"

by A. Drukier / L.A.L., Orsay

### ESO ASTROPHYSICS SEMINAR

at 11.30 hrs - DD Conference Room  
(Bldg.31 - 3rd floor)

"NGC 1510 : a Young Elliptical Galaxy ?"

by M. Disney / Herstmonceux and ESO

## TUESDAY 15 FEBRUARY

### CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Some Highlights of Research at CERN in  
1976"

by L. Van Hove

## THURSDAY 17 FEBRUARY

### CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"If Nuclear Energy, which Kind ?"

by L. Kowarski

## TRAINING AND EDUCATION ENSEIGNEMENT

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## TUESDAY 8 FEBRUARY

### ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"The New Particles and their Spectroscopy"

by J.D. Jackson / University of California,  
Berkeley (Lecture 4)