

## FRIDAY 24 JUNE

### CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - TH Conference Room

"The interactions of  $K^+$  mesons with nucleons and nuclei"

by C. Dover / Brookhaven National Laboratory

*Abstract* : The possible utility of  $K^+$  mesons as a probe of nuclear structure will be examined. As the only available weakly absorbed hadronic probe of nuclei, the  $K^+$  exhibits several attractive features : i) sensitivity to neutron density changes; ii) long mean free path, and iii) simplicity of  $K^+$  nuclear reaction mechanisms. We show how the spin-isospin properties of the elementary  $K^+$  nucleon amplitudes lead to strong selectivity in inelastic  $K^+$  nucleus scattering. We contrast the  $K^+$  with more familiar probes such as  $e^-$ ,  $\pi^+$ ,  $p$ ,  $\alpha$ .

## MONDAY 27 JUNE

### EP SEMINAR

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

"Normalized neutrino and antineutrino total cross sections from Fermilab experiment E21"

by A. Bodek / University of Rochester

### CERN NUCLEAR PHYSICS SEMINAR

at 16.00 hrs - TH Conference Room

"Charge exchange in pion-nucleus scattering and nuclear structure"

by E. Oset / University of Regensburg

## TUESDAY 28 JUNE

### CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"Is there a high  $Y$  anomaly ?"

by J. Knobloch / (CERN) CERN-Dortmund-Heidelberg-Saclay Collaboration

### EP SEMINAR

at 11.00 hrs - Council Chamber

"Search for heavy muons"

by C. A. Heusch / Santa Cruz

## FRIDAY 1 JULY

### CERN COMPUTER SEMINAR

at 14.00 hrs - Auditorium

"Trends in Computer Architecture"

by C. G. Bell / Carnegie-Mellon University and Digital Equipment Corporation

# TRAINING AND **EDUCATION** **ENSEIGNEMENT**

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TUESDAY 21, WEDNESDAY 22,  
THURSDAY 23

### ACADEMIC TRAINING

at 11.00 hrs - Auditorium

"World energy prospects"

by R.J. Eden / Cavendish Lab., Cambridge

*Abstract* : The lectures are intended for a general audience with a background in either science, technology or economics.

Lecture 1 : World energy demand.

Lecture 2 : Energy supply and supply-demand balances.

Lecture 3 : Energy policies and options.

## WEDNESDAY 22 JUNE

### ACADEMIC TRAINING

at 16.00 hrs - Auditorium

"General Science Monthly Cross-Section"

by R. Carreras

## JEUDI 23 JUIN

### ENSEIGNEMENT GENERAL

de 13h00 à 13h30 - Amphithéâtre

"Science pour tous"

par R. Carreras