

WEDNESDAY 28 FEBRUARY

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"The power of perturbative QCD"

by D. Amati/CERN

Abstract : It is shown that the evolution of jets, computed perturbatively in QCD, leads to a preconfinement stage consisting of finite mass colourless clusters of quarks and gluons. It is the subsequent evolution which is non-perturbative and involves no large momenta that should, hopefully, convert these clusters into hadrons. Multiplicities and spectra of hadron systems in hard processes are therefore calculable perturbatively in QCD.

DD SEMINAR

at 16.00 hrs - DD Conference Room - building 31, third floor

"Data Transmission and Public Packet Switching Networks"

by F. Flickiger

Abstract : The introduction of Public Packet Switching Networks in Europe is modifying considerably the field of Data Transmission. The talk will give an overview of the present situation and the possible evolution of such networks. The basic notions will be defined by comparing services offered, access methods and tariff principles with those of conventional public data transmissions services. The aims, features and scope of the various international interface standards will be described (clarification of terms like X25, X29, LAP, PAD, ...). Examples will be taken from problems encountered and the solutions adopted within the Transpac Network.

THURSDAY 1 MARCH

TECHNICAL PRESENTATION

10.00 - 12.00 hrs

Bldg 13-2-005, D2 CERN map

MOTOROLA PRESENTATION ON 16 BIT MICROPROCESSOR M 68 000 by Ch. Brugger - Motorola Geneva (USA/CH).

Following points will be covered during this presentation : general concept, register organization, addressing modes, instruction set, interrupt handling and concept, trap concept, 8 bits peripheral interface.

Languages : English or French on request

Inquiries : M. Diraison/Fl/4585

ESQ ASTROPHYSICS SEMINAR

at 14.00 hrs - DD Conference Room - building 31, third floor

"HI survey of southern spiral galaxies"

by U. Mebold/MPI für Radioastronomie, Bonn

MONDAY 5 MARCH

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - TH Conference Room

"A new measurement of the muon capture rate in hydrogen"

by J. Duclos/CEN, Saclay

BECB USERS' GROUP MEETING - thirteenth meeting

at 13.45 hrs - Council Chamber

TUESDAY 6 MARCH

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"Grand unification of strong, weak and electromagnetic interactions"

by J. Ellis/CERN

THURSDAY 8 MARCH

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium

"First results from Mark II at SPEAR"

by P. Jenni/SLAC

TRAINING AND EDUCATION ENSEIGNEMENT

JEUDI 1 MARS

ENSEIGNEMENT GENERAL

13h00 - 13h30 - Amphithéâtre.

"Science pour tous"

par R. Carreras/CERN

MARCH 5, 8, 12, 21 and 22

ACADEMIC TRAINING

11.00 hrs - Auditorium

"Gravitational waves"

5/3 : Lecture 1 by L. Radicati/Scuola Normale Superiore, Pisa

8/3 : Lecture 2 by L. Radicati/Scuola Normale Superiore, Pisa

12/3 : Lecture 3 by E. Picasso/CERN

21/3 : Lecture 4 by E. Amaldi/University of Rome

22/3 : Lecture 5 by G. Pizzella/University of Rome

For abstract, see notices and next week's bulletin.

MARCH 7 and 9

ACADEMIC TRAINING

11.00 hrs - Auditorium

"Physics in Göttingen, Leipzig and Rome in the Thirties"

by G.C. Wick/University of Columbia & Scuola Normale Superiore, Pisa

Two lectures

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