

The response was very encouraging and the result is BITNET. There are now over 70 nodes on the network, including SLAC, MIT, Yale, Harvard, Brown, Carnegie-Mellon and Yorktown Heights. The services provided are : electronic mail; transfer of programs, documents and other files; access to computer facilities at other nodes; community bulletin board; user directory. Note : there are discussions to set up a similar network in Europe linked to BITNET.

Thursday 14 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium *

A search for inclusive oscillations of muon neutrinos in the mass range 20 – 900 eV²

by Wesley H. SMITH / Columbia University

A sensitive search for inclusive neutrino oscillations has been performed using two similar detectors running simultaneously at different locations in the Fermilab dichromatic muon-neutrino beam. The preliminary results show no significant oscillation signal and rule out inclusive oscillations of muon neutrinos into any other type of neutrinos in the mass range 20 - 900 eV² and $\sin^2(2\theta) > 0.03-0.05$.

*) Tea and coffee will be provided at 16.00 hrs.

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

- 12.7 – 08.30 Opening Session
 - 10.00 U. Amaldi – “CERN as a frontier laboratory in particle physics”
 - 11.15 A. de Rujula – “Today’s elementary particles and forces (1)”
- 13.7 – 08.30 L. Camilleri – “Hadronic interactions (1)”
 - 10.00 L. Camilleri – “Hadronic interactions (2)”
 - 11.15 A. de Rujula – “Today’s elementary particles and forces (2)”
- 14.7 – 08.30 E. Wilson – “Particle accelerators (1)”
 - 10.00 L. Camilleri – “Hadronic interactions (3)”
 - 11.15 R. Klapisch – “Physics with the CERN Low Energy Antiproton Ring (LEAR)”
- 15.7 – 08.30 E. Wilson – “Particle accelerators (2)”
 - 10.00 L. Camilleri – “Hadronic interactions (4)”
 - 11.15 L. Camilleri – “Hadronic interactions (5)”

Next week

- 18.7 – 08.30 S. Reucroft/P. Weilhammer – “Study of charm particles in hadron and photon interactions (1)”
 - 10.00 H. Hilke – “Electronics detectors, instrumentation and data acquisition (1)”
 - 11.15 V.W. Weisskopf – “Particles and symmetries (1)”
- 19.7 – 08.30 S. Reucroft/P. Weilhammer – “Study of charm particles in hadron and photon interactions (2)”
 - 10.00 H. Hilke – “Electronics detectors, instrumentation and data acquisition (2)”
 - 11.15 V.W. Weisskopf – “Particles and symmetries (2)”
- 20.7 – 08.30 S. Reucroft/P. Weilhammer – “Study of charm particles in hadron and photon interactions (3)”
 - 10.00 H. Hilke – “Electronics detectors, instrumentation and data acquisition (3)”
 - 11.15 V.W. Weisskopf – “Particles and symmetries (3)”

Friday 15 July

SPECIAL SEMINAR

at 16.30 hrs – Auditorium*

Searches for $W^\pm \rightarrow e^\pm \nu$ and $Z^0 \rightarrow e^+e^-$ decays using the UA2 detector

by Pierre DARRIULAT / CERN

*) Tea and coffee will be provided at 16.00 hrs.

Monday 18 July

EP SEMINAR

at 17.00 hrs – Auditorium

Mark II Detector at the SLAC Linear Collider

by Gail HANSON / SLAC

The Mark II detector at PEP will be upgraded as the first detector for the SLAC Linear Collider. A new drift chamber and endcap calorimeters are being built. The design and expected performance of the new detector for Z^0 physics will be presented.

Tuesday 19 July

DD SEMINAR

at 16.00 hrs – DD Amphitheatre
(Bldg. 31, 3rd floor)

WATERLOO-MICRONET : A network of personal workstations

by D. COWAN / University of Waterloo

- 21.7 – 08.30 W. Bell – “Electronics detectors, instrumentation and data acquisition (4)”
 10.00 J. Petersen – “Electronics detectors, instrumentation and data acquisition (5)”
 11.15 V.W. Weisskopf – “Particles and symmetries (4)”
- 22.7 – 08.30 D. Jacobs – “Electronics detectors, instrumentation and data acquisition (6)”
 10.00 Hilke/Bell/Petersen/Jacobs – “Electronics detectors, instrumentation and data acquisition (7)”

All lectures are held in the Auditorium and given in English.

Fellows and Associates Service/4471.

THE OPEN UNIVERSITY (UK)

announces a one-week intensive seminar for physicists and engineers from 19 - 23 September 1983, at Northampton, UK, on ‘Simulation and Analysis of Complex Mechanical Systems, by Prof. Thomas R. KANE from Stanford University, USA.

The goal is to assist participants in becoming proficient in the formulation of equations of motion of complex mechanical systems. With this background, the participants will be able to produce efficient algorithms for the simulation of motions and for the determination of constraint and control forces arising in connection with such systems.

Further information can be obtained from

E. Fischer (5811) or J. Huguenin (3364),
 Personnel Department / Education Services.

SECRETARIAL DEVELOPMENT

After the success of the two first seminars for secretaries (see Weekly Bulletin N° 27, 4 July 1983) we can now announce a third seminar with the same programme :

20 - 21 - 24 September 1983

Château de Penthes, Pavillon Gallatin

Secretarial development

by Niven CARVET / International Training Consultants

Any interested secretary should phone to :

E. Fischer 5811, before 23 July

M. Pincott 3674, after 25 July

J. Huguenin 3364, after 7 August

– for further information

– for names of secretaries from the previous seminar for reference

– for an appointment with the course organizer.

PLAN DE FORMATION DU CERN 1982/83

Des copies du Plan de Formation ont été distribuées aux administrateurs de toutes les divisions et départements et sont à la disposition de tous les membres du personnel.

CERN TRAINING PLAN 1982/83

Copies of the Training Plan have been distributed to the DAO's of all divisions and departments, where they are at the disposal of all members of the personnel.

INFORMATIONS

GENERALES

GENERAL INFORMATION

1^{er} AOÛT – –AGENCES SBS

En raison de la Fête nationale suisse, l'agence SBS au Bâtiment 504 sera fermée le lundi 1^{er} août 1983. Un service restreint sera assuré à l'agence SBS du Bâtiment de l'Administration.

Département du Personnel
 Tél. 4151

1 AUGUST – SBS AGENCIES

Owing to the Swiss National Holiday, the SBS agency in Building 504 will be closed on Monday, 1 August 1983. A limited service will be available at the SBS agency in the Administration Building.

Personnel Department
 Tel. 4151