

Wednesday 10 July

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Heavy families : masses and mixings

by Eduard MASSO / Barcelona and CERN

We use the $SU(3) \times SU(2) \times U(1)$ renormalization group equations to derive predictions for the masses and mixing of heavy families in ordinary and supersymmetric unified theories. We show how to use quark masses to place upper bounds on the scale of new physics beyond the standard model.

Thursday 11 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Electron-positron physics in the upilon region

by W. SCHMIDT-PARZEFALL / DESY

Recent result of the ARGUS Detector at the 10 GeV electron-positron storage ring DORIS II will be presented. New limits obtained on the tau-neutrino mass, neutral D meson mixing, the branching ratio for b quark decays, Higgs-particle production, gluino production and free quark production will be given. The observation of two particular heavy meson decays : D into phi plus neutral kaon, which is direct evidence for W-exchange in flavour annihilation, and B giving J/psi will be discussed.

* tea and coffee will be provided at 16.00 hrs.

Thursday 11 July

SCIENCE AND SOCIETY SEMINAR

at 20.30 hrs – Auditorium

Star wars and arms control : Problems and prospects

by S.D. DRELL / SLAC

Monday 15 July

CAS ACCELERATOR SEMINAR

at 14.30 hrs – Auditorium

The SLAC Linear Collider

by John R. REES / SLAC

Wednesday 17 July

DD SEMINAR

at 16.00 hrs – DD Auditorium (bldg. 31, 3-005)

An Ethernet monitoring station : architecture, implementation, and experience

by Joseph S. SVENTEK / Lawrence Berkeley
Laboratory

Wednesday 10 July

FOR INFORMATION



THE INSTITUTION
OF ELECTRICAL
ENGINEERS

IEE

London

at 20.00 hrs – Council Chamber

Let's build a Satellite

I.E.E. 1983-4 Faraday Lecture on video-tape
(Duration is 68 minutes.)

All those interested (members and non-members) are invited to attend.

Please note that the 'Faraday' series lectures are aimed at a rather non-technical audience.

*For further information please contact : P. Bramham,
tel. 3947.*

TRAINING AND

EDUCATION

ENSEIGNEMENT

COURS POUR SECRÉTAIRES

Il reste encore 5 places pour le cours suivant :

Participantes :

Secrétaires de langue française ou parlant couramment le français.

Dates 11, 12 et 13 septembre 1985

Objectifs du cours

Les participantes devraient, après le cours, être en mesure de :

1. mieux comprendre le processus de la communication et, éventuellement, être capable d'agir sur celle-ci pour la rendre plus efficace
2. établir des relations simples et claires
 - savoir écouter
 - savoir s'affirmer
3. avoir accès à ses ressources personnelles pour mieux gérer son énergie et les situations de stress.

Méthodes pédagogiques

Essentiellement actives, faisant appel à l'échange d'expérience entre participantes, au travail de groupe et aux jeux de rôles.



Bulletin d'inscription

A renvoyer à M. PINCOTT / PE

Je souhaite m'inscrire au cours pour secrétaires des
11, 12 et 13 septembre 1985

Nom.....

Prénom.....

Division

Tél.....

Date..... Signature.....

Summer Student Lectures

DATE	TIME	LECTURER	TITLE
Wed. 10 July	08.30		Opening session
	10.00	J. Ellis	Introduction to particle physics
	11.15	V. Weisskopf	Introduction to the concepts of particle physics (1)
Thu. 11 July	08.30	W. Schlatter	Highlights in electron-positron physics (1)
	10.00	F. James	Monte Carlo (1)
	11.15	V. Weisskopf	Introduction to the concepts of particle physics (2)
Frid. 12 July	08.30	W. Schlatter	Highlights in electron-positron physics (2)
	10.00	F. James	Monte Carlo (2)
	11.15	V. Weisskopf	Introduction to the concepts of particle physics (3)
<i>NEXT WEEK</i>			
Mon. 15 July	08.30	W. Schlatter	Highlights in electron-positron physics (3)
	10.00	C. Fabjan	Electronics detectors, instrumentation and data acquisition (1)
	11.15	V. Telegdi	Introduction to the concepts of particle physics (4)
Tue. 16 July	08.30	W. Schlatter	Highlights in electron-positron physics (4)
	10.00	C. Fabjan	Electronics detectors, instrumentation and data acquisition (2)
	11.15	V. Telegdi	Introduction to the concepts of particle physics (5)
Wed. 17 July	08.30	P. Darriulat	The physics of antiproton-proton colliders
	10.00	C. Fabjan	Electronics detectors, instrumentation and data acquisition (3)
	11.15	V. Telegdi	Introduction to the concepts of particle physics (6)
Thur. 18 July	08.30	W. Bell	Electronics detectors, instrumentation and data acquisition (4)
	10.00	D. Burckhart	Electronics detectors, instrumentation and data acquisition (5)
	11.15	V. Telegdi	Introduction to the concepts of particle physics (7)
Fri. 19 July	08.30	D. Burckhart	Electronics detectors, instrumentation and data acquisition (6)
	10.00	A. Bogaerts	Electronics detectors, instrumentation and data acquisition (7)
	11.15	V. Telegdi	Introduction to the concepts of particle physics (8)

All lectures are given in English and are held in the Auditorium. Fellows and Associates Services (4471).