

Library

ACCU heard a report on the present situation and proposals for the future of the CERN library. ACCU deplored the disappearance of material and supported the extended actions being proposed to remedy the current situation.

Integration of family members

ACCU heard a presentation on the possibilities for employment of spouses of CERN users in the Geneva area and noted with satisfaction the efforts made by the Swiss authorities to improve the current situation.

SEMINARS SEMINAIRES

Tuesday 18 July

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Recent results in the search for dark matter

by David O. CALDWELL / University of California, Santa Barbara

Since probably more than 90% of the mass of the universe is in the form of a particle unknown in the Standard Model of particle physics, the search for it is of utmost importance to particle physics as well as to astrophysics. The need for this dark matter and possible candidates for it will be reviewed briefly, but the main emphasis will be on attempts to find these particles via their annihilation or scattering. There has been particular progress recently by the scattering experiments using Ge (UCSB/LBL/UCB) and Si (UCSB/LBL/UCB/Saclay) detectors in setting important limits on Cosmions (which would also solve the solar neutrino problem), supersymmetric and technicolor particles, Dirac neutrinos, and other types of WIMPs.

* Tea & coffee will be served at 16.00 hrs.

Wednesday 19 July

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

QCD and the spins inside the proton

by H. FRITZSCH / University of Munich

In QCD the axial baryonic charge, which is considered to be a measure of the quark contribution to the nucleon spin, is expected to be very small. Thus the quarks contribute essentially nothing to the spin of the nucleon, as a consequence of the QCD anomaly and the constraints of chiral symmetry. The connection to the U(1) problem is discussed. The emerging physical picture of the spin densities is in excellent agreement with the experimental results obtained in the polarized lepton-nucleon scattering experiments.

Links between ACCU members and their communities

ACCU made an inventory of the ways of communication between ACCU members and the communities which they represent, as well as of the links between ACCU members and the relevant authorities in each Member State.

Next meeting

The next meeting is scheduled for 27 September.

Monday 24 July

SPECIAL PS SEMINAR

at 11.00 hrs – PS Auditorium
bldg 6, 2-024

The brush discharge or how to get cheaply amps of kilovolt electrons

by Felix DOTHAN / Hebrew University of Jerusalem

Monday 24 July

EP SEMINAR

at 16.30 hrs – Auditorium

High energy physics with no target, fixed target, and a slowly moving target

by V. CHALOUPIKA / University of Washington, Seattle

Results from a rare K^+ decay experiment at BNL, plans for a Primakoff production experiment at FNAL, and the Gamma Ray and Neutrino Detector project in Arkansas will be discussed as examples of non-collider physics in the 1990s. At the end, the notion of Two Specters for Particle Physics will be introduced, and the names of J.S. Bach and J.S. Bell will be mentioned very briefly.

Thursday 27 July

DEC SYSTEM MANAGERS' MEETING

at 10.00 hrs – DD Auditorium
bldg 31, 3-005

1. Minutes of previous meeting and matters arising :
 - a) Status of DEC Contract for 1989
 - b) Status of 'Dossiers' for CERN Contract extensions
 - c) Communication with DEC Support Service structure
 - d) Special Drivers support
 - e) Netsystem Pilot Project
 - f) System Management Service Study
 - g) TA90 and 3100 deliveries
2. CERN DEC Joint Project Status
3. DEC Training
4. DEC Products announced in the last quarter
5. DECnet Status
6. AOB

Tuesday 1 August

LEAR DISCUSSION MEETING

at 14.00 hrs – PS Auditorium
bldg 6, 2-024

Very low energy antiprotons

An informal discussion meeting to consider the physics potential of very low energy antiprotons and possible techniques for providing them. Contact M.G. Albrow / 3707 / ALBROW@CERNVM for further information, or if you wish to present a contribution.

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

This week

Mon. 17 July	09.00	J. Haïssinski	e^+e^- physics (1)
	10.30	J. Haïssinski	e^+e^- physics (2)
Tue. 18 July	09.00	W. Bell	Detectors, electronics and data acquisition for particle experiments (5)
	10.30	J. Haïssinski	e^+e^- physics (3)
Wed. 19 July	09.00	D. Sendall	Detectors, electronics and data acquisition for particle experiments (6)
	10.30	J. Haïssinski	e^+e^- physics (4)
Thu. 20 July	09.00	D. Sendall	Detectors, electronics and data acquisition for particle experiments (7)
	10.30	J. Haïssinski	e^+e^- physics (5)
Fri. 21 July	09.00	E. Wilson	An introduction to accelerators – past, present and future (1)
	10.30	J. Haïssinski	e^+e^- physics (6)

Next week

Mon. 24 July	09.00	E. Wilson	An introduction to accelerators – past, present and future (2)
	10.30	C. Jarlskog	Introduction to particle physics – QCD, QED and standard model (1)
Tue. 25 July	09.00	E. Wilson	An introduction to accelerators – past, present and future (3)
	10.30	C. Jarlskog	Introduction to particle physics – QCD, QED and standard model (2)
Wed. 26 July	09.00	E. Wilson	An introduction to accelerators – past, present and future (4)
	10.30	C. Jarlskog	Introduction to particle physics – QCD, QED and standard model (3)
Thu. 27 July	09.00	E. Wilson	An introduction to accelerators – past, present and future (5)
	10.30	C. Jarlskog	Introduction to particle physics – QCD, QED and standard model (4)