

SEMINARS SEMINAIRES

Wednesday 8 August

THEORETICAL SEMINAR

at 14.00 hrs – Theory Conference Room

Anomalies in/and odd dimensions

by L. ALVAREZ-GAUME / Harvard

A general outlook on the use of topological methods to obtain anomalies will be presented. In particular, the extension of methods used in the treatment of fermion fractionalization in the presence of solitons prove quite useful in determining the general structure of the parity violating part of the effective action in an odd number of dimensions. The relation with the usual gauge and gravitational anomalies will be analysed; and the possible implications for $d=11$ $N=1$ supergravity will be shown.

Monday 13 August

EP SEMINAR

at 17.00 hrs – Auditorium

Laser spectroscopy at ISOLDE :

The study of nuclear properties far off stability

by K. WENDT / University of Mainz and CERN-EP

The method of collinear fast beam-laser spectroscopy, using directly beams of radioactive isotopes from on-line mass separators such as ISOLDE at CERN, has dramatically extended the possibilities to study nuclear moments, radii and deformations over long chains of short lived isotopes with lifetimes down to the second range. In this way our knowledge about nuclear behaviour has been extended deep into the region of α - and β -instability, giving stringent tests for nuclear models. The atomic physics problems, involved in the extraction of the nuclear quantities from the experimental data, will be briefly reviewed, while the discussion will focus on some recent results for nuclei in the rare earth and radium region.

Tuesday 14 August

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

Possible left-right symmetry and β^+ decay

by D. ATKINSON / University of Groningen

Thursday 16 August

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium

**Heavy neutral leptons and new gauge bosons :
Some experimental prospects for the rest of
the '80's**

by J. ROSNER / University of Chicago

TRAINING AND

EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

This week

Mon. 6 Aug.	08.30	L. Tauscher
	10.00	W. Schlatter
	11.15	B. Jonson
Tue. 7 Aug.	08.30	L. Tauscher
	10.00	W. Schlatter
	11.15	B. Jonson
Wed. 8 Aug.	08.30	W. Willis
	10.00	W. Schlatter
	11.15	V. Wotschack
	16.30	H. Schopper
Thu. 9 Aug.	08.30	F. Flückiger
	10.00	W. Schlatter
	11.15	V. Weisskopf

Physics with low energy antiprotons at LEAR (1)

Highlights in e^+e^- physics (1)

The ISOLDE programme : studies of exotic nuclei (1)

Physics with low energy antiprotons at LEAR (2)

Highlights in e^+e^- physics (2)

The ISOLDE programme : studies of exotic nuclei (2)

Melting the vacuum with nuclear collisions

Highlights in e^+e^- physics (3)

Experimental searches for
neutrino oscillations

High energy physics – where is it going ?
(Please note unusual time)

Wide area networking for physics

Highlights in e^+e^- physics (4)

Physics and society

Fri.	10 Aug.	08.30	---
		10.00	Student session
		11.15	---

Next week

Mon.	13 Aug.	08.30	---	
		10.00	D. Treille	Production of heavy flavours
		11.15	T.D. Lee	Time as a dynamical variable
Tue.	14 Aug.	09.00	Course review	

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

Fellows and Associates Service (4471).

INFORMATIONS

GENERALES

GENERAL INFORMATION

ROUTES BARREES LE 1ER AOÛT

Mercredi matin, 1er août, une partie du personnel d'EUROLEP a barré les routes conduisant aux entrées des sites du CERN situés sur le territoire français. A la demande du CERN, les autorités départementales françaises ont fait clairement comprendre aux grévistes que de telles actions sont tout à fait inacceptables. La situation est redevenue normale ensuite vers midi.

Il est peut-être utile de rappeler à cette occasion que le conflit limité se rapportant à la main-d'oeuvre et existant au sein du consortium international EUROLEP n'est pas du ressort de l'Organisation.

Il est donc rappelé aux membres du personnel qu'ils doivent s'abstenir à ce propos de toute déclaration publique, qui pourrait être interprétée comme étant la position officielle de l'Organisation.

Enfin, il convient de remarquer que la Direction d'EUROLEP rencontrera les représentants de son personnel vendredi matin, 3 août.

Directeur de l'Administration

ROADBLOCKS ON 1 AUGUST

On Wednesday morning, 1 August, a fraction of the EUROLEP personnel blocked the public roads leading to the entrances of CERN's sites on French territory. On CERN's request, the French Departmental authorities made it clear to the strikers that such actions are quite unacceptable. Subsequently the normal situation was re-established around noon.

On this occasion it may be useful to recall that the limited labour conflict existing within the international EUROLEP Consortium is outside the Organization's competence.

Staff members are therefore reminded that they should abstain from any public statements on this issue, which might be interpreted as the official position of the Organization.

Finally, it is to be noted that the EUROLEP Management will meet with the representatives of their personnel on Friday morning, 3 August.

Director of Administration

PO 84 – PORTES OUVERTES 15 septembre 1984

Physique à la cafétéria Coop

Dialogue avec le public, commentaires, appareillages, photos, maquettes...

- Si vous souhaitez participer
- Si vous avez des idées sur la manière de rendre accessibles au public les découvertes et la physique du CERN

...alors nous avons besoin de votre aide dès maintenant.

Veuillez contacter A. de Rújula/TH (2436), ou P. Sonderegger/EP (4670).

PO 84 – OPEN DAY 15 September 1984

Physics at the Coop-cafeteria

Dialogue with the public, explanations, apparatuses pictures, models...

- If you wish to participate
 - If you have ideas about how to make CERN physics and discoveries accessible to the public
- ...then we need your help now.

Please contact A. de Rújula/TH (2436) or P. Sonderegger/EP (4670).