

Wednesday 23 March

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Is perturbative QCD relevant to exclusive processes?

by Nathan ISGUR / CERN and University of Toronto

It is found that at available (and foreseeable) Q^2 the calculable perturbative contributions to the pion electric form factor $F_\pi(Q^2)$ and the nucleon magnetic form factors $G_M^N(Q^2)$ are much smaller than the data, which can probably be explained by soft contributions. There is a danger that our results generalize and that perturbative QCD is never relevant to exclusive scattering processes.

Jeudi 24 mars

PRESENTATION TECHNIQUE

de 10.00 à 16.00 h – bât. 13, 3-003

Crameda SA (CH), représenté par Metallux AG (CH), propose en exposition : des roues codeuses, des affichages, des interrupteurs et divers autres composants pour circuits imprimés. Metallux présentera sa propre gamme de produits : des circuits hybrides, des résistances à haute tension, des résistances à haute valeur ohmique, des convertisseurs et capteurs de température pour circuits imprimés.

Langues : allemand, anglais, français

Renseignements : M. Diraison / FI / 4585

Thursday 24 March

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium*

Prototype Barrel RICH and beyond

by T. YPSILANTIS / University of California

The DELPHI RICH Barrel prototype experimental test results will be reported. These include the single photoelectron response, quality factor number and particle discrimination capability of the device. In the future, RICH devices for B meson factories and hadron colliders are being constructed and tested. The properties of this new generation of such devices will be given.

* Tea and coffee will be provided at 16.00 hrs.

Friday 25 March

MEETING ON

PARTICLE PHYSICS PHENOMENOLOGY

at 11.00 hrs – TH Conference Room

Coherence in Monte Carlo simulation of general hard processes

by G. MARCHESINI / University of Parma

A simple presentation will be given of a new Monte Carlo programme which also takes into account the recent progress on the study of coherence effects in QCD.

Monday 28 March

EF SEMINAR

at 11.00 hrs – EF Conference Room

bldg 13, 2-005

A thermodynamic approach to cryogenics

by Jörg SCHMID / CERN-EF

The title calls for the question, whether there is any other approach. The correct answer was given by Radio Eriwan : 'In principle no. But the party line is to ignore this one because it is full of entropy and other monstrosities'. The speaker wants to point out that

- a) entropy is no more esoteric than energy or temperature, concepts about which we have stopped worrying not because we understand them but because we got used to them;*
- b) the normal purpose of cryogenics is to reduce entropy (with a reduction of temperature as a side effect), for example to create zero-entropy superconducting or superfluid phases;*
- c) a refrigerator essentially is an entropy pump, which transfers entropy from something to the environment, and unfortunately adds more or less entropy of its unwanted own production to it (details to be shown).*

TRAINING AND

EDUCATION

ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844 – 5811

Jeudi 24 mars

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

Prochaine séance : 28 avril

ACADEMIC TRAINING

Tel. 2844-3364

1987-1988 Academic Training Programme

3rd TERM

18, 20 & 22 April

11.00 h to 12.00 – Auditorium

Perturbative QCD and experiment

by G. ALTARELLI / CERN-TH

4, 5 & 6 May

11.00 h to 12.00 – Auditorium

Technical problems of new accelerators

by K. JOHNSEN

4 & 6 May

14.30 h to 15.30 – Auditorium

Experimental searches for dark matter

by B. SADOULET / University of California,
Berkeley

9, 10 & 11 mai

11.00 h to 12.00 – Auditorium

Théorie des catastrophes

par R. THOM / IHES, Bures-sur-Yvette

(In French)

13, 14, 15, 16 & 17 June

11.00 h to 12.00 – Auditorium

Mixing and CP violation in heavy quark states

by Ph. BLOCH / CERN-EP &
L. MATANI / University of Rome

21 & 23 June

11.00 h to 12.00 – Auditorium

History of relativity

by J.S. BELL / CERN-TH

The lectures are open to all those interested, without application. The abstract of the lectures, as well as any change to the above information (title, dates, time, place, etc.), will be published in the CERN Bulletin and by Notices before each Term and for each series of lectures.

GERMAN COURSES

There are still a few places available in the following German courses next term (from 14 April to 7 July 1988)

Beginners :

Wednesdays 17h00 - 19h00

Fridays 08h00-10h00

Lower Intermediate :

Tuesdays 17h00 - 19h00

Thursdays 10h30 - 12h30

If you are interested in taking one of these courses please fill in the form below and send it to :

Ulrich LIPTOW, Bldg 54-R-027
immediately

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I would be interested in taking a German course.

NAME :

FIRST NAME :

DIVISION :

TEL. :

LEVEL : Beginner / intermediate

INFORMATIONS

GENERALES

GENERAL INFORMATION

MODIFICATIONS

REGLEMENT DU PERSONNEL

Les modifications au Règlement du Personnel, approuvées par le Comité des Finances à sa réunion du 16 décembre 1987, sont maintenant disponibles auprès des secrétariats de division.

Division du Personnel
Tél. 2855/4128

CHANGES OF STAFF REGULATIONS

The changes to the Staff Regulations approved by the Finance Committee at its meeting on 16 December 1987, are now available in the divisional secretariats.

Personnel Division
Tel. 2855/4128

AUX UTILISATEURS DES MAGASINS

Il est rappelé aux utilisateurs des gaz que les bouteilles ne doivent pas être vidées en-dessous de 1 bar et que les vannes doivent être fermées avant le débranchement, afin d'éviter une pollution par l'air entraînant une procédure complémentaire lors du remplissage pour obtenir la qualité garantie.

Division ST
Groupe Logistique