

Friday 31 August

MEETING ON PARTICLE PHYSICS PHENOMENOLOGY

at 14.00 hrs – TH Conference Room

The proton spin at high energies

by B. LAMPE / CERN

I will talk about the relation between the light cone expansion and the QCD improved parton model in polarized deep inelastic scattering. In particular, I consider the question whether a gluon contribution to the first moment of the structure function g_1 exists. The answer to this question will be that a gluon contribution exists and is uniquely defined provided one demands that the quark contribution is a conserved quantity. The results presented in this talk have been obtained in collaboration with G. Altarelli in a recent article in Z. Phys. C47 (1990) 315.

Lundi 3 septembre

PRESENTATION TECHNIQUE

de 09.00 à 16.00 h – parking PTT, bât. 63

Rohde & Schwarz (D) et Advantest (J), représentés par Roschi Telecommunication AG (CH), proposent en démonstration :

Equipement de mesure optoélectronique : analyseur de spectre, wattmètres, mesureur de longueur d'ondes, OTDR (Optical Time Domain Reflectometer), source de lumière, spectral Linewidth Measuring System.

Equipement de mesure électronique : programmeurs, analyseurs de spectre, FFT, BF et de modulation, analyseurs de réseau, équipement de mesure de champs et EMI (Electromagnetic Interference), générateurs de mesure (BF et RF), de fonctions et volubateurs, voltmètres et wattmètres, compteurs.

Langues : allemand, anglais, français

Renseignements : M. Diraison / FI / 4585

Tuesday 4 September

PRESENTATION

at 10.30 hrs – CN Auditorium, bldg 31, 3-005

The Scalable Coherent Interconnect : an introduction and product announcement

by Ernst KRISTIANSEN / Dolphin Server
Technology AS, Oslo

SCI is a 1 Gbyte/s point-to-point link, currently under development by a committee of the IEEE (P1596) designed as a technology-independent, scalable interconnection between up to 64K processing nodes. Dolphin Server Technology produces a series of high performance products based on RISC processor technology and the UNIX operating system, and has been very active in the development of the SCI. The speaker will describe the concepts and implementation of the Scalable Coherent Interconnect and give an introduction to SCI products under development by Dolphin Server.

Language : English

Organizer : C. Parkman / CN / 3963 / pmn@cernvm

INFORMATIONS GENERALES

GENERAL INFORMATION

CARTE D'ACCES POUR LA BIBLIOTHEQUE

La Bibliothèque du CERN va lancer le module du prêt du système ALICE en automne 1990. Dès lors, vous devrez utiliser la carte d'accès au CERN pour emprunter des livres. Si vous désirez les commander depuis votre terminal il vous faudra indiquer votre numéro d'identification CERN (sur votre carte si vous ne le connaissez pas).

Dans l'avenir, toutes les transactions de prêt seront traitées par ordinateur (plus de fiches de prêt à remplir) et les rappels vous seront transmis par courrier électronique.

N'oubliez pas votre carte d'accès lors de vos prochaines visites à la Bibliothèque. Si vous n'en possédez pas encore, veuillez contacter A. Chery / AS, tél. 6622, bât. 33-R-014.

LIBRARY USERS NEED THE CERN CARD

In Autumn 1990, the CERN Library will introduce the automated circulation module in ALICE. You will need your CERN access card in order to borrow books or, if you want to order books from your own terminal, you will have to enter your CERN identification number (on your card if you don't know it). All transactions will in future be computer-based (no more loan slips to fill in!) and claims letters will come in your Email-box.

Please remember to bring your CERN card with you in future when you visit the Library. If you do not yet have one, please contact A. Chery / AS, tel. 6622, building 33-R-014.

NEW LIBRARY SERVICE

Current Awareness in your e-mail box

As a new feature of the ALICE library management system, the CERN Scientific Information Service is now able to offer users anywhere an SDI (Selective Dissemination of Information) service on its family of databases. Each user can have a customized query which is run automatically at weekly or monthly intervals (according to choice) and any information matching the query which has been added to the databases since the previous run is retrieved. The results are transmitted directly to the electronic mailbox of the recipient or, for those still not using electronic mail, it could be printed and distributed by conventional means.

Up-to-date information on preprints, reports, books and forthcoming conferences can be obtained by this method, which is based on the QALICE facility. Further details are described in the QALICE User's Guide which is available on self-service at the main and branch libraries at CERN, or on request to the Library desk (LIBDESK@CERNVM or tel. 2444).

This service is open to anyone and delivery of output by electronic mail is preferred whenever possible. Those interested should contact David Dallman (DALLMAN@CERNVM or tel. 3825) to register their query and to ensure that it is defined in the most suitable way.

JEUNE GENEVOIS

Bulletin no 37/90

Le jeudi 6 septembre étant férié (Jeûne genevois), les articles à insérer dans le Bulletin no 37/90, paraissant le vendredi 7 (et couvrant la semaine du lundi 10 septembre), devront nous parvenir **un jour plus tôt** qu'à l'accoutumée, soit le **lundi 3 septembre à midi**.

Merci de votre coopération.

Section Publications / DG
Tél. 3475

PHASING OUT OF THE PHOTOTYPESETTER

The photo-typesetter and the ND5000(DA) computer, to which it is attached, are expected to be switched off at the end of 1990. This equipment is used primarily for the production of certain scientific reports, posters and the Weekly Bulletin.

Recently a 600 dots/inch PostScript printer (the Newgen 480 TurboPS) was installed. This Laser-writer compatible printer is attached to the CERN network and the difference between output quality from it and from the photo-typesetter are not apparent to the naked eye. Output from the printer is much faster, considerably cheaper and the device does not require a dedicated front-end computer to drive it.

Users who have their data stored in the DA machine have been contacted in order to properly phase out the machine. Anyone else who might be inconvenienced by this change-over, e.g. users who have relied on output from the photo-typesetter, is kindly invited to contact Eric van Herwijnen (tel. 5087, email ERIC@CERNVM) to discuss the matter and – if necessary – to obtain help.

JEUNE GENEVOIS

Deadline for Bulletin no 37/90

As Thursday 6 September is a holiday (Jeûne genevois), material for publication in Weekly Bulletin No 37/90, to appear on Friday 7 September (covering the week of Monday 10 September) should reach us **one day earlier** than usual, i.e. by **noon on Monday 3 September**.

Thank you for your cooperation.

Publications Section / DG
Tel. 3475

REMERCIEMENTS

Monsieur et Madame Heinz FRITZ et leur fils vous remercient de tout cœur d'avoir pris part à leur très grande peine lors du décès de

Philippe