

CERN COLLOQUIUM

Thursday, January 23
16.30
Auditorium

"From the binary pulsar to the γ -rays bursts - a new frontier for quantum and classical relativistic field theories"
by R. Ruffini / The Institute for Advanced Study, Princeton
Abstract : The recent discovery of a binary pulsar by J. Taylor gives an unprecedented tool to test the classical effects predicted by the Einstein theory of General Relativity. The possibility of measuring perihelion precession, bending of light, the gravitational spin-orbit coupling and their major consequences for the pulsar theories are reviewed. Outstanding for their power and for their still unexplained origin are the γ -ray bursts discovered by I. Strong through the Vela Satellites. It is shown how an extension of the Sauter-Euler-Heisenberg treatment of the Klein paradox to the electromagnetic field of Kerr-Newman black holes gives a most promising theoretical background for the explanation of the origin of these γ -ray bursts.

SPS EXPERIMENTS COMMITTEE

Tuesday, January 28
14.00
Auditorium

Open Session :

1. Proposal to Study Hadronic Reactions Leading to Multibody Final States with a Particle of Transverse Momentum up to 3 GeV/c at SPS Energies (MPI Munich; K.P. Pretzl; SPSC/75-1/P 37).

Wednesday, January 29
09.30
Room A+C+D

Closed SessionTECHNICAL PRESENTATION

Friday, January 24
09.30 - 16.30
TC-L Conference Room
(Bldg. 17 - 1st floor)

WANG(USA/CH) are presenting at CERN their complete range of scientific and commercial mini-computers. For the first time, you have the opportunity to see a WANG 2200 System. It is a scientific oriented mini-computer with 4 K to 32 K bytes (octets) of main memory capacity; programmable in BASIC language, with CRT (Cathode Ray Tube) as well as a great number of peripherals such as fast and thermal printers, disk drives and floppy disks systems. The WANG 2200 System may also be interfaced to any measurement instruments through one of our standard interfaces and can also work as intelligent terminal linked to external main frame systems : IBM, CDC, UNIVAC, etc.

Languages : English, French, German.

Information : M. Diraison / FIN / 4585.

enseignement

ENSEIGNEMENT GENERAL

Lundi 20 janvier
13.00 - 13.30
Amphithéâtre

Cours "Connaissance du CERN", par R. Carreras
Leçon 4 : "Les détecteurs".

Jeudi 23 janvier
13.00 - 13.30
Amphithéâtre

"Science pour Tous", par R. Carreras
Programme (pour détails, voir affiches) :

1. Vu, lu et entendu.
 2. Question : Dans chaque goutte d'eau de mer il y a environ un demi-milliard d'atomes d'or. Pourquoi ne l'exploite-t-on pas?
 3. Thème principal : "L'énigme des pigeons voyageurs".
- Le séminaire aura lieu le même jour, dès 17.35 dans la salle D;
 - La séance de 13.00 est retransmise en direct à l'amphithéâtre des ISR.

ACADEMIC TRAINING

January 28 and 29
February 4 and 5
11.00
ISR Auditorium

"Intersecting Storage Rings"

by K. Hübner

Abstract : After an introduction to the general features of the ISR their present performance is discussed. The various performance limits are analysed in terms of our present understanding. Proposals for future improvement and modifications are explained.

These lectures are intended for people working in the accelerator field. The first lecture, however, is a general introduction which may be of interest also for physicists working at the ISR.

cern information

La Direction du CERN a le regret de vous informer que le Professeur A. Lagarrigue est mort soudainement mardi matin, 14 janvier 1975.

Le Professeur Lagarrigue, Directeur du Laboratoire de l'Accélérateur linéaire d'Orsay, était membre du Comité des Directives scientifiques. Il avait été l'un des premiers collaborateurs du CERN et était le principal pionnier de la technique des chambres à bulles à liquides lourds en Europe. Il avait également dirigé la construction de Gargamelle.

LIBELLE ANONYME

Un libelle anonyme portant de graves accusations contre certains membres du personnel a été distribué sur le site de l'Organisation.

Les Directeurs généraux ne sauraient tolérer de tels procédés. Si quelqu'un a lieu de se plaindre d'un membre du personnel, il lui appartient de le faire auprès des Directeurs généraux, tout en étant prêt à étayer son accusation ou à en supporter les conséquences.

L'Organisation a décidé de prendre un avis juridique en vue des suites éventuelles à donner à cette accusation anonyme.

ANONYMOUS DOCUMENT

An anonymous document making serious accusations against certain members of the personnel has been distributed on the Organization's site.

The Directors-General find such action intolerable. If anyone wishes to make a complaint against a member of the personnel, he should submit it to the Directors-General, and be prepared to substantiate his accusation or take the consequences.

The Organization has decided to seek legal advice about what action should be taken following this anonymous accusation.

J.B. Adams,
Director-General -
CERN, Laboratory II

W. Jentschke,
Director-General -
CERN, Laboratory I

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TO ALL FELLOWS, CERN PAID ASSOCIATES AND STUDENTS

Due to administrative reasons, the January stipends of Fellows, CERN Paid Associates and Students will still be according to the 1974 pay-scale. Any increase effective 1 January 1975 will be paid retroactively with the February pay.

Fellows and Associates Service /
Personnel Division - Tel. 2847

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ON RECHERCHE ...

Un film Kodak disparu du bureau de Mme Marais/DD - Bât.31 - S 013 - entre le 20 décembre 1974 et le 6 janvier 1975.

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RECHERCHES RADIO

Appareils retirés : MONTANET L. / TC
FIANDER D. / MPS

Changements : MARCHAL H. / DI-HP - 478

Appareil mis en service : ORLIC G. / TC- 581

AMALDI U. / NP - 836 (Coordinateur ISR)