

TRAINING AND EDUCATION ENSEIGNEMENT

ACADEMIC TRAINING
Tél. 2844-3364

6 & 7 June

11.00 to 12.00 hrs – Auditorium

Microelectronics for particle physicists

by A. MARCHIORO / CERN-ECP



**ENSEIGNEMENT TECHNIQUE
TECHNICAL TRAINING**

☎ 44.60
eductech@cernvm

Cours EXCEL sur MacIntosh

Il reste quelques places pour le prochain cours qui aura lieu

du 11 au 15 juin (après-midi)

Les personnes intéressées sont priées de prendre contact le plus rapidement possible avec le secrétariat de l'Enseignement Technique (voir référence ci-dessus)

INFORMATIONS GENERALES GENERAL INFORMATION

RESTAURANTS

**Service restreint des restaurants
le week-end de Pentecôte**

Le lundi 4 juin 1990 (lundi de Pentecôte), les restaurants et cafétérias du CERN seront fermés, à l'exception d'un service restreint au Restaurant no 1 (Coop, bât. 501) de 07h00 à 23h00 (restauration chaude de 11h30 à 14h00 et de 18h00 à 19h30).

Service de Liaison des Restaurants
Tél. 4469

RESTAURANTS

**Limited restaurant service
at Whit week-end**

The CERN restaurants and cafétérias will be closed on Monday 4 June 1990 (Whit Monday) except for a limited service at Restaurant N° 1 (Coop, building 501) from 07.00 to 23.00 hours (hot meals served from 11.30 to 14.00 hours and from 18.00 to 19.30 hours).

Restaurant Liaison Service
Tel. 4469

PROTON SYNCHROTRON AND SYNCHRO-CYCLOTRON COMMITTEE (PSCC)

The Proton Synchrotron and Synchro-Cyclotron (PSCC) is at present undertaking a review of the LEAR programme in its presently approved and possible future aspects. To this end a Closed PSCC meeting will also be held at Cogne in mid-September. Spokesmen of the LEAR experiments have been invited to inform their Collaborations and to make their intentions and ideas known, without any further commitment, by 1 July 1990. The physics will be grouped into four main areas, and conveners

have been nominated to organize the discussion. I should like to invite all physicists who may be interested in participating in an experiment at LEAR to announce their ideas, either through the channel of an existing collaboration or directly to the conveners. Additional information may be obtained from the PSCC Secretary, Maria Fidecaro.

M. Albrow
Chairman of PSCC

AVIS DE DECES

Nous avons le regret d'annoncer le décès de Monsieur Mario MORPURGO survenu le 29 mai 1990.

Monsieur Mario MORPURGO, né en 1929, travaillait à la Division AT et était au CERN depuis 1954.

Le Directeur général a envoyé un message de condoléances de la part du personnel du CERN à la famille.



Affaires sociales
Division du Personnel

MARIO MORPURGO (1929-1990)

It is with deep sorrow that friends and colleagues learned about Mario's death on Tuesday 29th May.

Mario Morpurgo, having obtained his PhD in Engineering at the University of Rome in 1953, joined the CERN team studying the Synchro-Cyclotron project at Philips in Eindhoven from where he moved to Geneva in 1954.

Thus starting accelerator engineering work, then conceiving beam transport magnets for experiments at the SC, followed by pioneering work on a 20 Tesla pulsed magnet project for emulsion experiments and high frequency RF separator studies, Mario Morpurgo marked the large variety of projects he worked on during his professional life at CERN with his engineering competence and ingenuity.

Most of the large superconducting magnets, which are still in operation today for fixed target physics experiments at CERN were subsequently designed and built by Morpurgo and his team.

He set milestones when building the first big stabilized superconducting magnet with forced helium flow cooling for the OMEGA spectrometer. All the superconducting quadrupoles, solenoids and dipole magnet projects he conceived himself as a whole covering the mechanical design, magnetic, cryogenic and control aspects. He was among the first to use advanced computing methods in engineering design – but also typical for his style of work – he continued to use his slide-rule and drawing-board in the small office – so well-known to all his friends and colleagues – when conceiving his projects.

The construction of the large OPAL detector magnet was his last big engineering project making his contribution to the successful LEP physics programme.

In 1980, Mario joined the EF Division combining cryogenics and superconducting magnet work. As Leader of the cryogenics activities at CERN until his untimely death, he was appreciated by his colleagues inside and outside CERN.

During the last years he prepared the concept of superfluid cooling for the LHC project and – although already marked by his illness – he started a study of a magnetic refrigerator in collaboration with CEA Grenoble.

Mario Morpurgo made outstanding contributions to superconducting magnet and cryogenics developments. He was an authority in his field and from all over the world people sought his advice and engineering support. Close friends also know that his independent and solid judgement characterizing his engineering work extended to painting and other objects of art. His advice, both at work and in private, was always well-founded, honest and constructive, even at the risk of being unpopular. His intelligence and sense of humour never abandoned him and allowed him to bear his cruel illness with utmost dignity.

Horst Wenninger

NEUTRINO 90

CERN will be hosting the 14th International Conference on Neutrino Physics and Astrophysics from 10 to 15 June 1990. Up to 350 participants will attend this conference. The main topics are the following :

Neutrino Counting
The Z^0 Pole
Neutrino Interactions
Neutrino Masses and Mixing
Symmetries of the Standard Model
Neutrinos in Astrophysics
Solar Neutrinos
Future Prospects

During the conference, a special area will be set aside for serving lunch to participants (half of the COOP coffee lounge opposite the bar nearest the terrace). Also, part of the car park in front of building 4 will be cordoned off for the whole week of the conference to allow adequate parking space for the buses which will be used daily by participants during the conference.

Le CERN accueillera la 14e Conférence internationale sur la physique et l'astrophysique des neutrinos du 10 au 15 juin 1990. Jusqu'à 350 participants assisteront à cette conférence, dont les principaux sujets sont les suivants :

Le dénombrement des neutrinos
Le pôle du Z^0
Les interactions des neutrinos
Les masses et les mélanges des neutrinos
Les symétries du modèle standard
Les neutrinos en astrophysique
Les neutrinos solaires
Les perspectives

Pendant la conférence un endroit sera spécialement réservé pour servir le déjeuner aux participants (la moitié de la cafétéria de la COOP en face du bar, côté terrasse). De même, une partie du parking devant le bâtiment 4 sera interdite d'accès aux automobiles pendant toute la semaine de la conférence pour laisser suffisamment de place de stationnement aux cars qui seront utilisés tous les jours par les participants à la conférence.

Concert

On Thursday 14 June at 20.30 hrs a concert will be given in the Abbaye de Bonmont, Cheserex, by the Quatuor Sine Nomine of Lausanne. 100 tickets will be available for CERN personnel and will be on sale during the week of the Conference.

Le jeudi 14 juin à 20 h 30 un concert sera donné dans l'abbaye de Bonmont, à Cheserex, par le quatuor Sine Nomine de Lausanne. Cent billets sont réservés pour le personnel du CERN et seront en vente pendant la semaine de la conférence.

Programme

F. Schubert
L. van Beethoven
W.A. Mozart

String Quartet in E flat major, op. 125/1
String Quartet in F minor, op. 95
String Quartet in C major, KV 465

Tickets can be purchased for the price of 10 Swiss Francs from the Neutrino 90 Conference Secretariat, Room A (tel. 2804) on the first floor of building 61 between 11.00 and 12.00 hrs and 16.00 and 17.00 hrs on Tuesday 12 and Thursday 14 June.

Ces billets pourront être achetés au prix de 10 francs suisses auprès du secrétariat de la conférence Neutrino 90, salle A (tél. 2804), au premier étage du bâtiment 61, de 11 h à 12 h le matin et de 16 h à 17 h l'après-midi, les mardi 12 et jeudi 14 juin.

Organizing Committee / Comité d'Organisation

Ugo Amaldi, Pierre Darriulat, John Ellis, Heinrich Wahl, Klaus Winter (Chairman),
Jaap Panman (Scientific Secretary), Susan Maio (Neutrino 90 Secretariat)

REINTEGRATION
Sécurité sociale française

La prochaine permanence de la Sécurité sociale française aura lieu le

jeudi 7 juin 1990 de 13h15 à 15h15
Salle de conférence PE 1, 1er étage, bât. 5.

Les personnes intéressées sont priées de prendre rendez-vous en téléphonant aux Affaires sociales (tél. 4201).

Affaires sociales
Division du Personnel

SECOND MEETING OF THE ECFA-LHC
WORKING GROUP ON CALORIMETRY

Friday 8 June

09.30-17.30 hrs – PS Auditorium
bldg 6, 2-024

Topics to be discussed include various techniques for calorimeters at the LHC based on active media like scintillating fibres, scintillator tiles, crystals, silicon, room temperature liquids, cold liquids (Ar, Kr, Xe); calorimetry specific requirements for front end electronics, triggering and data acquisition; calorimetry requirements for addressing specific physics issues, etc.

J. Colas, R. Klanner, T. Virdee

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For further information: FI-PB Service, Jean Groz Tel. 4684.