

Thursday 25 September

CAREER SEMINAR

at 14.00 hrs – Council Chamber

From the Weinberg Angle to Cardiac MRI – a career change

by Ingrid TEN HAVE / Philips Medical Systems
(formerly with ALEPH)

In summer 1994 I left particle physics to pursue a career in industry. Now three years later I am working for Philips Medical Systems in the Netherlands. I am responsible, both technically and commercially, for adapting the existing Magnetic Resonance Imaging (MRI) technique for cardiology applications.

In this seminar I will talk about the interesting challenges my current position holds for me. I will present the substantial added value of my working experience at CERN: the physics research, working at technological frontiers, the international collaboration, expatriate life. Finally I will also describe what I have done to actively support this career change.

Speaker:

1985-1989 – University of Nijmegen and CERN - Ph.D. on B⁰-B⁰bar mixing, Eurojet, top quark cross-sections, test of the $O(\alpha_s^3)$ QCD matrix element, calculations for future hadron colliders, UA1.
1989-1994 – University of Glasgow and CERN - ALEPH - Jet charge studies, measurement of the Weinberg Angle.

1994-1996 – Master of Business Administration with technology focus, TSM International Business School, Enschede, Netherlands.

1996-now – Product Manager Cardiac MRI, Philips Medical Systems, Best, Netherlands.

Information: W. Blair / 73364

Thursday 25 September

SL SEMINAR

at 16.00 hrs – SL Auditorium, Prévessin, bld. 864

Measurement of Chromaticity via Head-tail Phase Shift

by Owain JONES / CERN-SL

The most common method of measuring the chromaticity is to measure the tune as a function of the machine energy and then calculating the chromaticity from the slope of the measurements. Even as a simple difference method for two machine energies this method does not allow instantaneous measurements for instance during energy ramping or beta squeezing.

In preparation for the LHC a new approach has been developed which uses the energy spread in the beams for a chromaticity measurement. Transverse beam oscillations are excited with a single kick and the chromaticity is measured from the phase difference of the individually sampled head and tail motions of the beam.

This way a chromaticity measurement can be made during one synchrotron period (about 50 msec in case of the LHC). This talk describes computer simulations of the measurement, the experimental setup and first measurements made in the SPS.

* Coffee and tea will be served at 15:30 in front of the auditorium

Friday 26 September*

LHC TECHNICAL SEMINAR

at 14.00 hrs* – LHC Auditorium, bld. 30/7th floor

EDMS

by T. PETTERSSON / CERN-EST

The LHC will be the most complicated machine built at CERN yet. Once the machine is installed and commissioned the main visible items are two welded tubes hundreds of meters long, the machine in its cryostat and the cryogenic supply line. The engineering data (the drawings, the documents, measurement protocols, etc.) that describe the machine inside its cryostat will be the only external references available. An inspection tour to verify what is really installed will not be possible since a warm-up, open-close, cool-down cycle is of the order of six weeks. The EDMS (Engineering Data Management System) project's goal is to ensure that up-to-date information about all installed equipment is always available and this during the entire LHC life-time, from design to de-commissioning, about 25 years! This will not happen by itself nor without changes to our working methods and procedures.

The seminar will present the pilot projects done for the feasibility studies and product selection and then our plans for the next twelve months.

* Please note the unusual day and time.

EDUCATION SERVICES EDUCATIFS



Information sur les cours, dates et places disponibles sur WWW:
Information about the courses, dates and places available on WWW:
<http://www.cern.ch/Training/>



Madeleine PINCOTT ☎ 3674
madeleine_pincott@macmail
Nathalie DUMEAUX ☎ 8144
nathalie_dumeaux@macmail

Formation en Management et en Communication Management & Communication Training

There are still a few places free for the following seminar :

**Making presentations
13, 14 October & 10 November 1997**

If you are interested, please contact us as soon as possible.

ANGLAIS – FRANÇAIS

Les inscriptions à ces cours sont ouvertes dès maintenant pour le premier trimestre 1997-98:

du 13 octobre au 19 décembre 1997.

Les formulaires d'inscription sont à votre disposition au Secrétariat des Cours de Langues (bât. 54/E-001), au Bureau des Utilisateurs (bât. 61/R-020), à votre secrétariat de division.

Ces cours s'adressent à toute personne travaillant au CERN ainsi qu'aux conjoints.

Pour toute information, veuillez contacter Mme Benz ou Mme Fontbonne, tél. 73127 (après-midi seulement), ou M. Liptow, tél. 72957

INFORMATIONS GENERALES GENERAL INFORMATION

LE LABO PHOTO ET LE BULLETIN ONT DÉMÉNAGÉ!

Le **Labo photo** se trouve maintenant au bâtiment **510/R-005** (en face de l'Imprimerie).

Le **Bulletin** est au bâtiment **510/R-014**, dans l'imprimerie (entrer à la Réception de l'imprimerie puis, dans l'imprimerie, deuxième porte à droite).

Les numéros de téléphone restent inchangés, aussi bien pour le Labo photo que pour le Bulletin.

Document Handling Group
Tél. 73475

SERVICE RESTREINT AUX RESTAURANTS JEÛNE GENEVOIS

Le jeudi 11 septembre 1997, les restaurants, cafétérias et kiosques seront tous fermés, à l'exception du restaurant no 1 ainsi que sa cafétéria (COOP – bâtiment 501 – Meyrin), qui assureront un service restreint de 08.00 hrs à 21.00 h. Des repas chauds seront servis de 11.30 à 14.00 h et de 18.00 à 19.30 h.

Pour des raisons techniques, le restaurant no. 2 (DSR – bâtiment 504 – Meyrin) restera fermé le vendredi 12 septembre, de même que le bar et le kiosque qui en dépendent. Ils reprendront leurs activités selon l'horaire habituel le lundi 15 septembre 1997.

Les autres restaurants, cafétérias, et kiosques, fonctionneront normalement le vendredi 12 septembre.

Comité de Surveillance des Restaurants
Tél. 77551

ENGLISH – FRENCH

Registration for language courses in the first term: from
13 October to 19 December 1997.

Application forms are available at the Language Courses Secretariat (bld. 54/E-001), at the Users' Office (bld. 61/R-020), at your Divisional Secretariat.

These courses are open to all persons working on the CERN site, and to their spouses.

For all information, please contact Mrs. Benz or Mrs. Fontbonne, tel. 73127 (afternoons only), Mr. Liptow, tel. 72957.

THE PHOTO LAB AND THE WEEKLY BULLETIN OFFICE HAVE CHANGED PREMISES!

The **Photo Lab** is now located in Building **510/R-005** (opposite the Printshop).

The **Weekly Bulletin Office** is in Building **510/R-014**, in the **Printshop** (enter the Printshop reception area then, once inside, take the second door on the right).

Both the Photo Lab and the Weekly Bulletin Office have kept the same telephone numbers.

Document Handling Group
Tel. 73475

LIMITED RESTAURANT SERVICE "JEÛNE GENEVOIS"

On Thursday 11 September 1997, all restaurants, cafeterias and kiosques will be closed, except for restaurant no. 1 and its cafeteria (COOP – building 501 – Meyrin) which will provide a limited service from 08.00 to 21.00 hrs. Hot meals will be served from 11.30 to 14.00 hrs, and from 18.00 to 19.30 hrs.

For technical reasons, restaurant no. 2 (DSR – building 504 – Meyrin) and its bar and kiosque will remain closed on Friday 12 September. They will resume their normal activities on Monday 15 September 1997.

The other restaurants, cafeterias and kiosques will offer their normal service as from Friday 12 September.

Restaurant Supervisory Committee
Tel. 77551