

EDUCATION SERVICES EDUCATIFS

ACADEMIC TRAINING

Tel. 3127

LECTURE SERIES FOR POSTGRADUATE STUDENTS

14, 15 & 16 December

11.00 to 12.00 hrs – Auditorium

Particle detectors

by H.J. HILKE / CERN-PPE

Lectures 4–6

COURS DE LANGUES

Secrétariat : tél. 3127 (après-midi seulement)

COURS D'ANGLAIS REGULIERS

Les inscriptions à ces cours sont ouvertes dès maintenant pour le deuxième trimestre 92-93 (du 25 janvier au 02 avril 1993).

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

COURS D'ANGLAIS SPECIAL ANGLAIS POUR SECRETAIRES

Programme :

- Comprendre et s'exprimer au téléphone, à la réception.
- Ecrire des messages, mémos, etc.

Dates : du 18 janvier au 26 février 1993.

Durée : 24 heures

Prix : 420 SFr.

Pour vous inscrire, veuillez compléter un formulaire de "Demande de Formation" que vous pouvez obtenir auprès de votre secrétariat de division ou au "Bureau des Utilisateurs" (bât. 61/R-020).

LANGUAGE COURSES

Secretariat : tel. 3127 (afternoons only)

REGULAR FRENCH COURSES

Registration for language courses in the 2nd term : (from January 25 to April 2 1993).

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

SPECIAL FRENCH COURSES

WRITTEN FRENCH COURSES

These courses are designed for **non-French** speakers with a **good standard of spoken French**. Each student will be tested to establish their level.

Level 1 : (2 hrs/week) spelling and grammar exercises, dictation of letters.

Price : 350 SFr.

Level 2 : (3 hrs/week) spelling and grammar, dictation and drafting of letters.

Price : 500 SFr.

Level 3 : (3 hrs/week) spelling and grammar (depending on need), improvement of style, drafting of letters, memos and working documents.

Price : 500 SFr.

Refresher course (after level 3) : (3 hrs/week) drafting of letters, memos, working documents and proofreading.

Price : 500 SFr.

FRENCH THROUGH ASSISTED SELF-TEACHING

These courses are designed for those with **basic French** who cannot attend regular courses and who would like courses tailored to their **individual needs**.

Those wishing to participate will be invited for an interview so that their needs and objectives can be discussed and evaluated. Following this, a programme will be made available (books, audio and video cassettes, computer disks, language laboratory).

These courses will last six months. During this time four sessions of private tuition will be provided.

Price : 350 SFr.

For more detailed information, please contact Moniek Laurent (tel : 8143)

To enrol, you should fill in an "Application for Training" form which may be obtained from your Divisional Secretariat or the "Users Office" (bldg 61/R-020).

1992 – 1993 ACADEMIC TRAINING PROGRAMME

2nd TERM

5 January to 31 March 1993

LECTURE SERIES FOR POSTGRADUATE STUDENTS

18, 19, 20, 21, 22 & 25 January

11.00 to 12.00 hrs – Auditorium

General relativity : basic ideas and observables

by T. DAMOUR / CERN–TH

23, 24, 25 & 26 February

1, 2, 3, 4 & 5 March

10.30 to 12.00 hrs – Auditorium

An introduction to accelerators

by E.J.N. WILSON / CERN–SL

26, 27 & 29 January and 1 & 3 February

11.00 to 12.00 hrs – Auditorium

**Symmetry and symmetry breaking
in particle physics**

by A. COHEN / CERN–TH

LECTURE SERIES FOR ACADEMIC TRAINING

8, 9 & 10 February

11.00 to 12.00 hrs – Auditorium

Geometric phases

by M. BERRY / University of Bristol

15, 16, 17, 18 & 19 March

11.00 to 12.00 hrs – Auditorium

**Introduction to massively parallel computing
in high energy physics**

by M. SMITH / Edinburgh Parallel Computing
Centre

15, 16, 17 & 18 February

11.00 to 12.00 hrs – Auditorium

Neural networks and particle physics

by C. PETERSON / University of Lund

22, 23, 24, 25 & 26 March

11.00 to 12.00 hrs – Auditorium

**Theory and technology
of superconducting cavities**

by H. LENGELER / CERN–AT

8, 9, 10 & 11 March

11.00 to 12.00 hrs – Auditorium

Physics and mathematics for medical imaging

by D. TOWNSEND / Hôpital Cantonal

The lectures in both series 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.