

Thursday 12 October

CERN COLLOQUIUM

at 16.30 hrs – Auditorium

The use of heavy charged particles in the radiation therapy of tumors

by Gerhard KRAFT / GSI Darmstadt, Germany

Vendredi 13 octobre

PRESENTATION TECHNIQUE

à 10h00 – bât. 17/1-007

Serveur d'impression Multiprotocole pour réseaux

par SINISOFT SA, en collaboration avec

Gutenberg Communications AG (CH)

Langues : anglais, français

Renseignements : M. Diraison / FI-A / 4585

EDUCATION SERVICES EDUCATIFS

1995 – 1996 ACADEMIC TRAINING PROGRAMME

1st Term

2nd October – 15 December 1995

LECTURE SERIES FOR POSTGRADUATE STUDENTS

2, 3, 4, 6, 10, 11, 13, 16, 17, 18 & 19 October

11.00-12.00 hrs – Auditorium

Introduction to particle accelerators

by E.J.N. WILSON / CERN-AC

6, 7, 8, 9 & 10 November

11.00-12.00 hrs – Auditorium

Introduction to detectors

by A. H. WALENTA / University of Siegen, D

4, 5 & 6 December

11.00-12.00hrs – Auditorium

Supersymmetry and particle physics

by H.P. NILLES / Technische University München, D

23, 24, 25, 26 & 27 October

11.00-12.00 hrs – Auditorium

Introduction to gauge theories in the Standard Model

by B. De WIT / Rijksuniv. Utrecht, NL

20, 21, 22, 23 & 24 November

11.00-12.00 hrs – Auditorium

(except 21 November in the Council Chamber)

Quantum chromodynamics

by H. LEUTWYLER / University of Bern, CH

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, the WWW, and by Notices before each Term and for each series of lectures.

ACADEMIC TRAINING

Tel. 3127

2, 3, 4, 6, 10, 11, 13, 16, 17, 18 & 19 October

LECTURE SERIES FOR POSTGRADUATE STUDENTS

Introduction to Particle Accelerators

by E. J. N. WILSON / CERN-AC

2/10 Mathematical Introduction; matrices

3/10 Mathematical Introduction; differential equations

4/10 Phase stability and focusing principles

6/10 Lattices and such

10/10 More transverse beam dynamics

11/10 Closed orbit and gradient errors

13/10 RF Bunches, buckets, dispersion and transiton

16/10 Magnets, multipoles and resonances

17/10 Electron dynamics

18/10 Instabilities

19/10 The future

The course is intended for anyone with a technical or scientific background who would like to become familiar with the principles of accelerator design. It starts with two optional lectures which revise mathematical techniques. The level of the course is chosen with the intention of preparing students for specialist training at the CERN Accelerator School (Level 1) but is also of interest to a wider audience. The nine following lectures on all aspects of circular machines cover in a simple way the principles of focusing, betatron motion, dispersion, chromaticity, radio frequency systems, phase stability, dynamics in electron machines and instabilities.



ENSEIGNEMENT TECHNIQUE TECHNICAL TRAINING

Monique Duval ☎ 44.60

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Prochaine PERMANENCE BUREAUTIQUE PE
bât. 572 - salle 23

Lundi 2 octobre dès 14.00 h :

EXCEL 5 Mac et PC

– Nouveautés EXCEL 5

De 09.00 à 12.00 h dans la baraque 593 – salle 14, Valérie répondra aux questions que vous vous posez concernant l'utilisation des logiciels de bureautique (pas de rendez-vous préalable). Vous pouvez également poser vos questions par courrier électronique QuickMail à l'adresse suivante :

Valerie_Huret@adminmail

Veillez noter que la permanence bureautique prévue sur le site de Prévessin le 16 octobre a été déplacée au 23 octobre.