

Wednesday 1 October

LEP SEMINAR

at 14.30 hrs – LEP Auditorium
bldg 30, 7th floor

Synchrotron radiation induced gas desorption in the LEP vacuum chambers

by A.G. MATHEWSON / CERN-LEP

TRAINING AND

EDUCATION ENSEIGNEMENT

ENSEIGNEMENT GENERAL

Tél. 2844

Jeudi 25 septembre

de 13.00 h à 13.30 h – Amphithéâtre

Science pour tous

par R. CARRERAS

ACADEMIC TRAINING

Tel. 2844-3364

6, 7, 8, 9 and 10 October

11.00 to 12.00 hrs - Auditorium

Superstrings

by L. IBANEZ & A. NEVEU / CERN

29, 30 et 31 octobre

11.00 à 12.00 h - Amphithéâtre

Introduction à la robotique (in French)

par A. FOURNIER / Université du Languedoc

3, 4, and 5 November

11.00 to 12.00 hrs - Auditorium

Future colliders – physics and machines

by C.H. LLEWELLYN SMITH / University of Oxford

11, 12, 13 and 14 November

11.00 to 12.00 hrs - Auditorium

Introduction to optical communication

by R. SALATHE / PTT, Berne

20 and 21 November

11.00 to 12.00 hrs - Auditorium

Cosmic rays open the field of particle physics

by M. CONVERSI / University of Rome

24, 25, 26, 27 and 28 November

11.00 to 12.00 hrs - Auditorium

Computer-aided engineering in mechanics and electronics

by R. DASSLER / CONTRAVES, Zurich
& P. DE WILDE / Technological University, Delft

3 and 4 December

11.00 to 12.00 hrs - Auditorium

**Epistemology and
Realism in quantum mechanics**

by K. POPPER / University of London

15, 16 and 17 December

11.00 to 12.00 hrs - Auditorium

**The statistics of very small samples
Bayesian and classical approach**

by F. JAMES / CERN

The abstract of the lectures, as well as any changes in the above details (dates, time, place, title, etc.) will be published in the CERN Bulletin and by Notices before each series of lectures.

PLASMA PHYSICS COURSE

23 September to end November

Every Tuesday and Thursday

from 15.30 to 17.15 hrs

PS Auditorium, bldg 6, 2-024

by Felix DOTHAN / CERN-PS

Presentation and audience

The course is an introduction to Plasma Physics for physicists and engineers not familiar with the subject.

Topics

Properties and behaviour of a gas of charged particles (a 'plasma'); various theoretical approaches; some gas discharges; electromagnetic waves in a plasma; a few applications to accelerators.

Material

A more detailed syllabus can be obtained from Felix Dothan / PS / 3071 or 3926. Lecture notes will be distributed during the course.

About the lecturer

F. Dothan is a Professor of Physics at the Hebrew University in Jerusalem. His background is in high voltage engineering and gas discharge physics.