



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/>

**ENSEIGNEMENT ACADEMIQUE  
ACADEMIC TRAINING**

F. Benz Secretariat ☎ 73127  
francoise.benz@cern.ch

**ACADEMIC TRAINING**

**LECTURE SERIES FOR POSTGRADUATE STUDENTS**

**11, 12, 13, 14, 15, 18 October**

from 10.00 to 12.00 hrs

**11, 12, 13 & 18 October : Auditorium, bldg. 500**

**14 and 15 October : Council Chamber, bldg 503**

**Introduction to particle accelerators**

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

The course is intended for anyone with a technical or scientific background who would like to become familiar with the principles of accelerator design. The level of the course is chosen with the intention of preparing those with no specialist knowledge of accelerator theory for the CERN Accelerator School but is also of interest to a much wider audience. The series of 12 talks span all aspects of circular machines and cover in a simple way the principles of focusing, betatron motion, dispersion, chromaticity, radio-frequency systems, phase stability and beam instabilities while the last takes us into the new millennium.

|            |                                      |                                      |
|------------|--------------------------------------|--------------------------------------|
| 11 October | 10:00 - History of Accelerators      | 11:00 - The Synchrotron              |
| 12 October | 10:00 - Focusing & Phase Space       | 11:00 - Accelerating Cavities        |
| 13 October | 10:00 - Lattices                     | 11:00 - Circulating Beams            |
| 14 October | 10:00 - Longitudinal Dynamics        | 11:00 - Imperfections and Multipoles |
| 15 October | 10:00 - Electrons                    | 11:00 - Instabilities                |
| 18 October | 10:00 - Applications of Accelerators | 11:00 - Muon and other Colliders     |

**ENSEIGNEMENT TECHNIQUE  
TECHNICAL TRAINING**

Monique Duval ☎ 74924  
monique.duval@cern.ch

**PLACES DISPONIBLES/PLACES AVAILABLE**

Des places sont disponibles dans les cours suivants :  
Places are available in the following courses :

Network Programming with Java — 14 — 15.10.99 (2 days)  
An Overview of the Java programming language — 20.10.99 (half-day)  
Programming for the WEB using Java — 21 — 22.10.99 (2 days)  
WORD — 9 — 12.11.99 (4 jours)  
UNIX pour non-programmeurs - 18 - 20.10.99 (3 jours)

Si vous désirez participer à l'un de ces cours, inscrivez-vous électroniquement en direct depuis les pages de description des cours dans le Web que vous trouvez à l'adresse : <http://www.cern.ch/Training/>, ou remplissez une "demande de formation" disponible auprès du Secrétariat de votre Division ou de votre DTO (Délégué divisionnaire à la formation). Les places seront attribuées dans l'ordre de réception des inscriptions.

If you wish to participate to one of these courses, please apply electronically directly from the course description pages that can be found on the Web at : <http://www.cern.ch/Training/> or fill in an "application for training" form available from your Divisional Secretariat or from your DTO (Divisional Training Officer). Applications will be accepted in the order of their receipt.