

WEDNESDAY 18 JUNE

PS SEMINAR

at 11.00 hrs - PS Auditorium (Bldg.6)
"Design Studies for the German Spallation
Neutron Source SNQ"
by K.H. Reich / CERN

THURSDAY 19 JUNE

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs - Auditorium
"Review of PS Experiments in the
Years 1979-1980"
by P. Baillon / CERN

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POUR INFORMATION / FOR INFORMATION

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VENDREDI 13 JUIN

SEMINAIRE DU LAPP

à 10h30 - Amphithéâtre du LAPP
Laboratoire d'Annecy-le-Vieux de Physique des
Particules, chemin de Bellevue, Annecy-le-Vieux
(Haute-Savoie, France)
"Résultats de l'expérience WA7 de
diffusion élastique meson-proton et
antiproton-proton"
par C. Baglin / LAPP
Renseignements complémentaires auprès de :
H. Pessard / CERN / EP, tél. 6526, ou Laboratoire
d'Annecy-le-Vieux, tél. (023) 23.32.45, int. 327.

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

TUESDAY 10 AND FRIDAY 13 JUNE

ACADEMIC TRAINING
(Tel. 2844)

at 11.00 hrs - Auditorium
"Program Optimization in a FORTRAN
Environment"
by M. Metcalf / CERN
(Lectures 1 and 2)

*Abstract : There exist a number of rules for
writing FORTRAN programs in a manner which makes
optimum use of the CPU. These rules can be
applied both to new programs when the code is
being written, and to existing codes, using tools
to identify those areas of a program to which it
is worthwhile to apply any optimizing effort. It
will be stressed that clearly written code with
good data structures is not only more easily
maintained, but also more easily optimizable. In
the first of two lectures, which are aimed at
the non-professional programmer involved in large
scale data analysis, examples of efficient code
for large computers will be given, together with
sample jobs to identify problem areas. The second
lecture will deal with specific points to the
borne in mind when writing for our CDC or IBM
systems and, for a taste of a possible future,
some examples of optimized code for the CRAY-1
vector processor will be examined.*

JEUDI 12 JUIN

ENSEIGNEMENT GENERAL
Tél. 2844)

13h00/13h30 - Amphithéâtre
"Science pour Tous"
par R. Carreras

JUNE 17, 18, 20 AND 23

ACADEMIC TRAINING

at 11.00 hrs - Auditorium
"Physics with Electron-Positron Colliding
Beams"
by B. Wiik / DESY, Hamburg
(Lectures 1 to 4)

(For abstract, see notices and next week's Bulletin.)