

seminars

PHYSICS III SEMINAR

Monday, March 15
11.00
Theory Conference Room

"Interférence Coulomb-nucléaire dans la diffusion élastique
 π^- - ^{12}C autour de la résonance π -N(3/2,3/2). Test expérimental
des relations de dispersion pion-noyau"
F. Binon / CERN

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CERN COLLOQUIUM

Monday, March 8
14.00
Council Chamber

"The crystal as a device for steering charged particles"
J. Davies / Chalk River Laboratories

Abstract : During the past 5 years extensive experimental evidence has become available for the steering (channeling) of charged particle beams by crystal lattices. It has been found that the particles injected along the crystal axes penetrate unexpectedly far. Under the same conditions nuclear scattering and reactions yields drop dramatically. This effect is observed for a variety of particles (positrons to uranium ions) and for a variety of energies (1 keV to 100 MeV). These channeling effects will be briefly summarized and compared to theoretical explanations. Some recent applications to solid state and nuclear physics will be presented.

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CERN PARTICLE PHYSICS SEMINAR

Thursday, March 18
16.30
Auditorium

"A study of 3 million Ξ^+ decays"
P.A. Piroué / Princeton

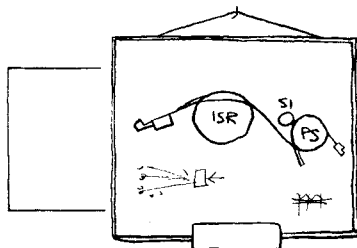
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PRESENTATION TECHNIQUE

Mardi 9 mars
de 14.00 à 16.00
Bâtiment No. 7

La maison BACHARACH Instrument Co. USA, représentée par Coutau & Martin à Genève présentera un ensemble de détecteurs de fuite (gaz non-combustibles et combustibles) y compris des modèles anti-déflagrants.

Renseignements : M. Diraison
FIN/2475



enseignement

ACADEMIC TRAINING

Tuesday, March 9
and
Thursday, March 11
11.00
Auditorium

THEORETICAL PHYSICS

"Thermodynamics of strong interactions"
by R. Hagedorn
(4th and 5th lectures)