

CERN COLLOQUIUM

Tuesday, January 20
16.30
Auditorium

"High Temperature Plasmas : Experiments, Theory, and the n τ Breakthrough"

by B. Coppi / MIT

Abstract : Some of the most significant experiments for the investigation of magnetically confined plasmas with temperatures of thermonuclear interest are described. Their relevance to the investigation of astrophysical plasmas, such as those characteristic of well known X-ray stars is also pointed out. The main theoretical problems, involving the understanding of the effects of collective modes, such as microinstabilities, versus the more familiar effects of discrete particle collisions are indicated. Results obtained from the Alcator device of M.I.T. that have led to uncovering a variety of new plasma regimes and to achieving record values of plasma densities and confinements times are presented.

enseignement

AUDIO-VISUAL FRENCH COURSES

A class in French for beginners will be opened in February 1976, for members of CERN personnel and family members, providing that sufficient applications are received.

This class, involving two lessons per week lasting two hours each, will be aimed in particular at those people who have already studied some French, for example at school, but who find great difficulty in expressing themselves.

People who have recently arrived at CERN and are interested in this course should return the form below, duly completed, to the Language Courses Secretariat. They will then receive details of the course together with an enrolment form.

Fellows and Associates who have applied for a place in the semi-intensive course should not apply for this extensive course, which will automatically be suggested to them, if they cannot be accepted for the semi-intensive course, providing that their level is compatible.



(Please, use block capitals)

NAME : First name :

Division : Telephone :

I am interested in a beginners' course in French starting in February 1976. Please send me the appropriate information.

Signature :

CERN information

SAFETY BELTS

The wearing of safety belts in the front seats of all motor vehicles in which they have been installed is now compulsory in Switzerland as well as in France. This law is valid on the CERN site.

HS Division

CEINTURES DE SECURITE

Le port de la ceinture de sécurité aux sièges avant de toutes les automobiles qui en sont équipées est maintenant obligatoire en Suisse comme en France. Cette loi est valable également sur le site du CERN.

Division HS