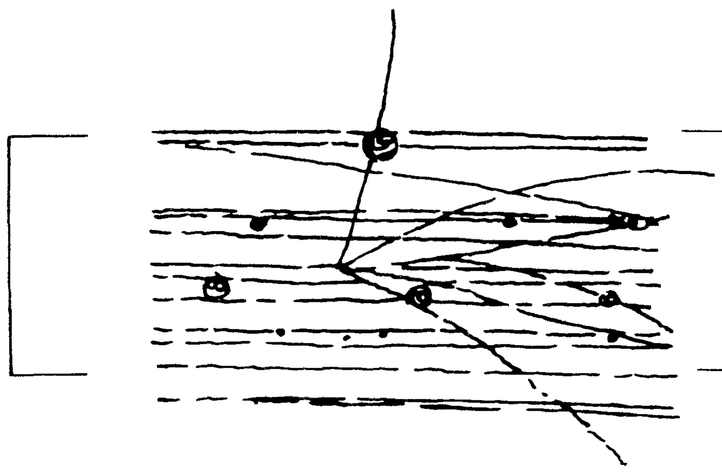

seminars

INTERSECTING STORAGE RING COMMITTEE

Tuesday 29 January
9.30 a.m.
Council Chamber

Open Session
Presentation by M. Banner of the Proposal for Study of Large Transverse Momentum Phenomena (Brookhaven-CERN-Saclay-Syracuse-Yale collaboration).

Closed Session
Immediately following the Open Session, in the ISR Conference Room.
(Transportation will be available in front of the Administration building to take the Committee to the ISR, at about 10.15 a.m.)

ISR Conference Room

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CERN COMPUTER SEMINAR

Thursday, January 31
16.00
Council Chamber

"An interactive system for program validation"
by Professor L. Bolliet / Université Scientifique et Médicale de Grenoble

Abstract :The idea of proving the correctness of programs has long been considered as a kind of utopia. The urgent need to improve the quality and reliability of computer software has fostered a number of experimental projects aimed at improving the way of writing programs (programming methodology) and creating the means for mechanical validation of programs (program proving).

The proposed conversational system enables the programmer to construct programs in a systematic way while at the same time ensuring the detection of logical errors.

A brief description of the programming language and assertion languages used will be presented. The structure of the system will be explained. A running example will illustrate the practical use of the experimental system.

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CERN PARTICLE PHYSICS SEMINARS

Tuesday, January 29
16.30
Auditorium

"Particle production in the Argonne - NAL p-p experiment at 205 GeV"
by D.C. Colley / University of Birmingham

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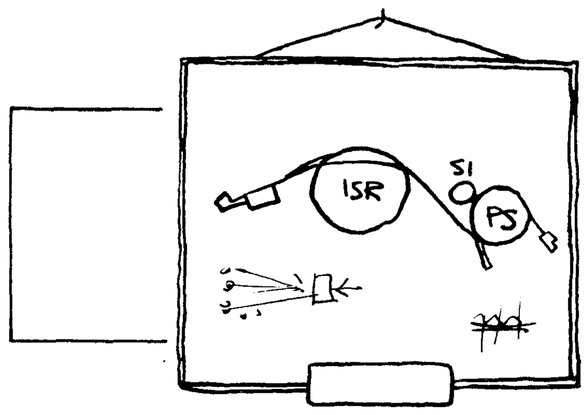
Tuesday 5 February
16.30
Auditorium

"Hadron fireball dimensions from Hanbury - Brown and Twiss measurements".

by G.Cocconi/CERN



enseignement

ACADEMIC TRAINING

January 29 and 31
Lectures 1 and 2
February 5, 6, and 7
Lectures 3, 4, and 5
11.00 a.m.
Auditorium

"Deep inelastic processes"
by C.H. Llewellyn-Smith

Abstract :The theoretical interpretation of the results of highly inelastic lepton scattering experiments will be reviewed. Possible implications for other processes and for future experiments will be described. Attention will be focussed on the underlying ideas and formalism will be kept to a minimum.

These lectures are intended for experimenters.