

COMMUNICATIONS OFFICIELLES

Les membres du personnel sont censés avoir pris
connaissance des communications officielles ci-après.

OFFICIAL NEWS

Members of the personnel shall be deemed to have
taken note of the news under this heading

ADJOINTS AUX CHEFS DE DIVISION POUR 1979

Sur proposition des Chefs de Division, les
Directeurs généraux ont nommé comme Adjoints
aux Chefs de Division pour 1979, les membres du
personnel suivants :

Division EP	D.C. Cundy
Division EF	H.-P. Reinhard
Division DD	D. Lord
Division TH	J. Ellis
Division PS	G. Plass (général)
	P.H. Standley (SC)

Division ISR	L. Resegotti
Division SPS	B. de Raad
Division HS	K. Goebel
Division FI	M. Lazanski
Division SB	R. Magny
Division PE	F. Niemann

SEMINARS SEMINAIRES

MONDAY 15 JANUARY

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - TH Conference Room

"Shedding (laser) light on exotic nuclei"

by R. Klapisch/Laboratoire René Bernas,
Orsay

Abstract : The hyperfine structure and isotope shift of a wide span of isotopes of Na, Rb and Cs produced at the PS or at ISOLDE has been measured using the Doppler-free interaction of an atomic beam and a tunable dye laser. The spin, magnetic moments, quadrupole moments and variations in mean square radii that are thus determined bring new information on nuclear deformation in different regions of the nuclear chart.

TUESDAY 16 JANUARY

SPS EXPERIMENTS COMMITTEE

OPEN_SESSION - sixty-first meeting

at 9.00 hrs - Auditorium

A g e n d a

1. Introductory remarks by L. Van Hove.
2. Status report on WA 7 (two-body reactions at large p^A ; M. Poulet).
3. Measurement of nucléon structure functions in horn focused V and $\bar{V}$ beams in BEBC filled with neon (Aachen-Bonn-CERN-London-Oxford-Saclay collaboration; B. Tallini; SPSC/78-137/P 121).

4. Measurement of charged current cross sections and structure functions using BEBC and a bare target neutrino beam (Bari-Birmingham-Brussels-Ecole Polytechnique-Rutherford-Saclay collaboration; W. Venus; SPSC/78-155/P 123).
5. Low energy narrow band running (CERN-Dortmund-Heidelberg-Saclay (WA 1) collaboration; H. Wahl; SPSC/78-157/M 145).

2L2SED_SESSION

at 11.00 hrs - in rooms A + C + D
1st floor, Administration building

CERN COLLOQUIUM

at 16.30 hrs - Auditorium *

"Nuclear fusion reactions in dense stellar matter"

by B. Jancovici/Orsay

Abstract : The rate of nuclear fusion reactions in dense stellar matter is enhanced by a substantial screening due to Coulomb repulsion, which can be understood as a tunneling due to many body quantum effects. This enhancement is very important for astrophysics. The calculation of the enhancement factor will be discussed as a problem of the statistical mechanics of a weak quantum plasma.

Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 16.00 hrs to meet the speaker and for informal discussions.