

d'un examen par l'actuaire-conseil de la Caisse, dont il ressort qu'aucune modification des taux applicables n'est nécessaire pour l'instant.

Finalement, le Conseil d'administration a fixé la date de l'assemblée générale annuelle des membres et bénéficiaires de la Caisse au mardi 18 septembre, de 14.00 à 16 h.30, dans l'Amphithéâtre.

SEMINARS SEMINAIRES

Wednesday 11 July

THEORETICAL SEMINAR

at 14.00 hrs – TH Conference Room

Quantum wavepackets on Kepler orbits or planetary astronomy according to quantum mechanics

by M. NAUENBERG / Univ. of California, Santa Cruz

The construction of wavepackets for the Coulomb or gravitational potential which travel along classical elliptic orbits has been a long-standing problem in quantum mechanics, first proposed by Schrodinger in 1926, but only recently solved. The optimal wavepackets turn out to be coherent states which have minimal quantum fluctuations in the non-commuting components of angular momentum and the Runge-Lenz vector. The recent development of tunable ultra-short pulsed laser has initiated the experimental investigation of these states which bridge the world of quantum and classical physics. In particular, surprising quantum recurrences are predicted which have no classical counterpart, and have been

ficiaries of the Fund on Tuesday 18 September, from 14.00 to 16.30 hrs in the Main Auditorium.

confirmed experimentally recently. A video movie illustrating the motion of such a wavepacket will be presented.

Monday 16 July

AS SEMINAR

at 16.00 hrs – CN Auditorium
bldg 31, 3-005

Searching the CERN Library's databases using ALICE

by David DALLMAN / CERN-AS/SI

Earlier this year the ALICE library management system was introduced in the CERN Scientific Information Service (SIS). Being able to search the SIS databases in an efficient way is a must for all those who need access to information in the field of particle physics. The seminar will cover all aspects of retrieving information from the databases of preprints and reports, books, conferences and periodicals installed under the ALICE system. This includes the possibilities of accessing the ALICE databases from both the VM and VAX environments at CERN, as well as from remote sites using the QALICE facility (no CERN logon needed). Examples will be worked through and queries from the audience will also be welcome.

TRAINING AND EDUCATION ENSEIGNEMENT

SUMMER STUDENT LECTURES

This week

Wed. 11 July	09.00	--	Opening Session
	10.15	P. Darriulat	Physics at CERN – past, present and future (1)
	11.15	M. Jacob	Introduction to particle physics (1)

Thu. 12 July	09.00	P. Darriulat	Physics at CERN – past, present and future (2)
	10.15	M. Jacob	Introduction to particle physics (2)
	11.15	E. Picasso	Introduction to LEP
Fri. 13 July	09.00	P. Darriulat	Physics at CERN – past, present and future (3)
	10.15	C. Fabjan	Detectors and Signal Processing for Particle Physics Experiments (1)
	11.15	C. Jarlskog	The Standard Model (1)
Next week			
Mon. 16 July	09.00	P. Darriulat	Physics at CERN – past, present and future (4)
	10.15	C. Fabjan	Detectors and Signal Processing for Particle Physics Experiments (2)
	11.15	C. Jarlskog	The Standard Model (2)
Tue. 17 July	09.00	E. Picasso	Accurate measurements of free leptons; g-2
	10.15	C. Fabjan	Detectors and Signal Processing for Particle Physics Experiments (3)
	11.15	C. Jarlskog	The Standard Model (3)
Wed. 18 July	09.00	--	--
	10.15	C. Fabjan	Detectors and Signal Processing for Particle Physics Experiments (4)
	11.15	C. Jarlskog	The Standard Model (4)
Thu. 19 July	09.00	L. Di Lella	Collider Physics (1)
	10.15	H. Muller	Detectors and Signal Processing for Particle Physics Experiments (5)
	11.15	C. Jarlskog	The Standard Model (5)
Fri. 20 July	09.00	L. Di Lella	Collider Physics (2)
	10.15	H. Muller	Detectors and Signal Processing for Particle Physics Experiments (6)
	11.15	C. Jarlskog	The Standard Model (6)

While these lectures are prepared for the summer students who are at CERN this summer, they are open to anyone at CERN. Many of the lectures treat topics at a general level, such that they are a golden opportunity for a staff member to find out more about something outside his/her daily work. Whether you are new at CERN, or have been here a long time and wish to have a better understanding of what goes on, why not study the lecture programme carefully and mark dates in your diary to attend a few summer student lectures !

All lectures are given in English and are held in the Auditorium.

Fellows and Associates Service
Tel. 4471

INFORMATIONS GENERALES GENERAL INFORMATION

VEHICULE DE SERVICE DEMANDE

Le Groupe des Services Généraux (Section de Gestion des locaux) a besoin d'urgence d'un véhicule de service

pour assurer ses nombreux et fréquents déplacements à l'intérieur du CERN. En attendant de recevoir les moyens d'acquérir un véhicule, il lance un appel aux personnes qui pendant les congés pourraient le dépanner.

Merci d'avance pour votre compréhension. (Contacter C. Ducastel /AS, tél. 6903)