

SEMINARS SEMINAIRES

MONDAY 3 JUNE

CERN JOINT NUCLEAR PHYSICS AND PARTICLE PHYSICS SEMINAR

at 14.00 hrs - Auditorium (*)

" ν_μ electron - elastic scattering"

by C. Baltay/Columbia University

*** Please note special day and special time***

Abstract : Eleven events of the reaction $\nu_\mu + e^- \rightarrow \nu_\mu + e^-$ in a sample of 106 000 charged current neutrino interactions have been observed in a heavy neon hydrogen mixture in the 15' bubble chamber at Fermilab. The results for the cross section for this process is in good agreement with the predictions of the Weinberg-Salam model viz: $\sin^2\theta \approx 0.2$.

(*) Note : Those attending this seminar are cordially invited to the Salle des Pas Perdus (just outside the Council Chamber) at 15.30 hrs to meet the speaker and for informal discussions. Tea and coffee will be provided.

ISR SEMINAR

at 14.30 hrs - ISR Auditorium
top floor of bldg 30

"Polarized beams at high energies with the 'Siberian snake'"

by B.W. Montague/CERN

Abstract : Until fairly recently, polarized particle beams in storage rings and accelerators were considered to be unattainable at very high energies because of the effects of depolarising resonances. A radical concept proposed by a group in Novosibirsk indicates a way of avoiding these resonances. By introducing into the ring a suitable system of vertical and horizontal bending magnets the spin-precession frequency can be made essentially energy-independent. The application of this principle to accelerators and storage rings is discussed in simple terms, with particular reference to the LEP 70 GeV e^+e^- project.

TUESDAY 4 JUNE

ESO ASTROPHYSICS SEMINAR

at 14.00 hrs - DD Conference Room
Bldg 31 - 3rd floor

"Theoretical models of planetary nebulae"

by D. Pequignot/Observatoire de Meudon

Abstract : After replacing the study of planetary nebulae in their astrophysical context, we present detailed theoretical models of the bright planetary nebula NGC 7027. We show how these models can be used, in connexion with ultraviolet and infrared observations, to improve our understanding of some physical processes, such as charge transfer reactions of singly or multiply charged ions with atomic hydrogen.

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium (*)

"Quark fragmentation in deep-inelastic electroproduction"

by G. Drews/Hamburg University

Abstract : Quark parton models render a unifying description of final states in leptonproduction and e^+e^- annihilation. The results of a streamer chamber experiment on inclusive electroproduction of positive and negative hadrons and of K_S^0 and Λ are presented in terms of these models. Quark fragmentation and a possible jet structure are discussed. The experiment was performed at the Cornell synchrotron in an 11.5 GeV electron beam by a Cornell-DESY-University of Hamburg collaboration.

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WEDNESDAY 5 JUNE

THEORETICAL SEMINAR

at 14.00 hrs - TH Conference Room

"Gravitational instantons"

by A.J. Hanson/LBL, Berkeley

Abstract : Recent ideas on gravitational analogues of the Yang-Mills instanton will be discussed.

MONDAY 10 JULY

CERN NUCLEAR PHYSICS SEMINAR

at 11.00 hrs - Theory Conference Room

"X-rays from coalescing atoms"

by W.E. Meyerhof/Stanford University and
ETH Zürich

TUESDAY 11 JULY

CERN PARTICLE PHYSICS SEMINAR

at 16.00 hrs - Auditorium

"New results from Fermilab on neutrinos in hydrogen (E45) and anti-neutrinos in neon-hydrogen (E180)."

by B. Roe/The University of Michigan

VACANT POSTS LIST ON 26 JUNE 1978

<u>Post No.</u>	<u>Vacancy No.</u>	<u>Title</u>	<u>Grade</u>
EP-EL-DE-246 *	78-71	Technician (Electronics)	6
EP-RE-Reserve *	77-35	Physicist	9

EF-DI-92/135	78-64	Laboratory Technician	6
EF-DI-169/223	78-65	Craftsman (Mechanical)	5/6
EF-DI-398/399 *	78-77	Craftsman (Electronics or Electrical)	4/5
EF-DI-400/401	78-74	Craftsman (Electromechanical or Electrical)	4/5

DD-ES-136 *	77-83	Technician (Electronics)	6
DD-Reserve *	78-36	Programmer	8/9 B+
DD-CO-CO-Reserve *	77-62	Technician (Senior Console Operator)	5/6
DD-DI-SE-216 *	78-57	Administrative Clerk (Typist)	5

PS-LI-059 *	78-32	Engineer (Electrical) or (Electronics)	8/9
PS-CCI-069 *	78-56	Engineer (Electronic Systems)	8/9
PS-LI-127 *	78-69	Technician (Electronics)	6 B+
PS-AE-178	78-53	Technician (Electronics)	7
PS-LI-355	78-73	Craftsman	5

ISR-ES-180	78-60	Physicist or Engineer	10

SPS-EBP-005	78-82	Programmer	9
SPS-AMR-032	78-49	Craftsman (Mechanic or Electromechanic)	6
SPS-EMA-120	78-17	Technical Assistant (Mechanical) or (Electromechanical)	7/8
SPS-SME-DO-151 *	78-72	Draughtsman (Mechanical)	5
SPS-ST-251	78-84	Technician (Draughting and Planning)	6/7
SPS-EBP-EL-413	78-45	Technical Assistant (Electronics)	7/8
SPS-ELA-434 *	78-67	Draughtsman (Mechanical)	5
SPS-APS-MR-509	78-83	Craftsman	6

DG-DI-006	78-62	Secretary	6/7
DG-AA-009	78-55	Secretary	5/6
DG-DI-058	78-59	Secretary	6/7
DG-RE-TM-060 *	78-50	Translator	8

PE-AS-CS-TT-044	78-66	Telex Operator (50%)	4/5
PE-AS-CL-113 *	78-63	Administrative Clerk	5

FI-SAP-MA-028	78-80	Administrative Clerk	5

HS-RP-006	78-68	Secretary	5/6
HS-GS-SC-066 *	78-81	Head, Emergency and Site Security Services	8/9/10
HS-ME-135 *	78-76	Nurse	5/6

B+ = Future Board

NOTES : Applications for the above vacancies are invited from staff members and supernumeraries only, except where a post is marked with an asterisk indicating that external recruitment has been authorized.

Vacancies of other Organizations and Institutes are displayed on the notice-boards in the Administration Building and outside the Reception Office, Personnel Division.

Plats du jour des restaurants

Semaine du 3 au 8 juillet 1978

<i>Midi/Lunch Time</i>	No. 1 <i>Bâtiment Administratif Administration Building Meyrin (CH)</i>	No. 2 <i>Bâtiment 504 Building 504 Meyrin (CH)</i>	No.3 <i>Bâtiment 866 Building 866 Prévessin (F)</i>
<i>Prix</i>	<i>I 4,50 Fr.s. II 5,10 Fr.s.</i>	<i>I 4,50 Fr.s. II 5,10 Fr.s.</i>	FF. 9.60
LUNDI/ MONDAY	I Vol au Vent de Champignons II Piccata de Porc Milanaise Riz au Safran Tomate Grillée	I Spaghetti Bolognaise II Piccata Milanaise Spaghetti	Colin Pané Pommes Nouvelles Epinards
MARDI/ TUESDAY	I Tortellini Sauce Tomate et Jambon II Sauté de Boeuf Bourguignon Pommes Mousseline Petits Pois	I Shubling Garni II Ragout d'Agneau Primeur Cornettes au Beurre	Poulet Rôti Macaroni Légumes Saison
MERCREDI/ WEDNESDAY	I Chipolata de Veau Riz Valencienne II Hamburger Oeuf à Cheval Pommes Frites Salade Verte et Tomate	I Cornet de Jambon à la Russe II Emincé de Porc Mexicaine Riz Orientale Légumes	Boeuf Braisé Pommes Purée Haricots Verts
JEUDI/ THURSDAY	I Rognons Sautés Chasseurs II Rôti de Veau Gnocchi Romaine Epinards	I Raviolis au Parmesan II Rognons Flambés Maison Riz Pilaw Tomates	Godiveaux Riz Petits Pois
 VENDREDI/ FRIDAY	I Langue de Boeuf Vinaigrette Salades Mêlées II La Marée du Jour Garnie	I Sardines à la Planche II Filet de Plie à l'Anglaise Pommes Persillées Légumes	Steack Hâché Sauce Marchand de Vin Pommes Frites Salade Saison

*Heures
d'ouverture*

*Restaurant No. 1
lundi au vendredi
06 h 30 à 02 h 30*

*Restaurant No. 2
lundi au vendredi
06 h 30 à 20 h 30
Samedi 8 h à 14 h et 15 h à 19 h 30
Dimanche 9 h à 14 h 30 et 15 h 30 à 19 h 30*

*Restaurant No. 3
lundi au vendredi
7 h 30 à 8 h 30 - 9 h 30 à 10 h 30
11 h 30 à 14 h 30 - 15 h à 16 h
17 h 30 à 19 h*