

TUESDAY 18 JANUARY

ESO ASTROPHYSICS SEMINAR

at 11.30 hrs - DD Conference Room
(Bldg.31 - 3rd floor)

"Some Ideas on the Formation of Galaxies"

by T. Gold / Cornell University

CERN COLLOQUIUM

at 16.30 hrs - Auditorium

"Mars after Viking : an Icy Planet ?"

by T. Gold / Cornell University

TRAINING AND **EDUCATION** **ENSEIGNEMENT**

LANGUAGE COURSES

SEMI-INTENSIVE FRENCH COURSES

During the months from January to March 1977, two semi-intensive French courses will be organized for Fellows, Associates and their families, provided that sufficient applications are received.

Both courses will involve three lessons per week, lasting three hours each.

1. Level : Beginners / False Beginners

This course is aimed in particular at those people who have either never studied French or already studied some French, for example at school, but who find great difficulty in expressing themselves.

2. Level : Intermediate

This course, which is a continuation of the course held before Christmas, is already almost full, but three or four vacancies remain.

Those persons already enrolled should disregard this announcement.

Full details, together with an enrolment form, can be obtained by returning the form below to the Language Courses Secretariat (Tel. 3127).

Those people interested in a semi-intensive course but who feel that their level does not correspond to either of the levels mentioned above, should still send for details so that they can be tested in order to establish their level. If sufficient applications are received for the course number 1 above, an alternative course will be organized at the level at which the majority of the candidates are situated. Alternative courses will then be suggested for the candidates whose level is incompatible.

(Please, use block capitals)

NAME : First name :

Division : Telephone :

I am interested in a semi-intensive French course. Please send me the appropriate information.

Date : Signature :

BULLETIN CERN

INFORMATIONS

GENERALES

GENERAL INFORMATION

PAIEMENT DES TRAITEMENTS

Pour l'année 1977, les dates de paiement des traitements ont été fixées comme suit :

Janvier	24 - 25 - 26
Février	23 - 24 - 25
Mars	23 - 24 - 25
Avril	20 - 21 - 22
Mai	24 - 25 - 26
Juin	22 - 23 - 24
Juillet	20 - 21 - 22
Août	24 - 25 - 26
Septembre	21 - 22 - 23
Octobre	24 - 25 - 26
Novembre	23 - 24 - 25
Décembre	14 - 15 - 16.

Division des Finances

A VENDRE AUX DIVISIONS

High Voltage Rectifier :

Technical data

- a) Mains voltage 3 x 380 V/220, 50 Hz $\pm 5\%$;
- b) DC voltage 10 - 18 kV, full voltage
5 - 9 kV, half voltage;
- c) Maximum DC loading: at full voltage
15 A continuous current load or 52 A
impulse current load; at half voltage
3 A continuous current load or 10 A impulse
current load;
- d) Voltage variations - The GR transformer has
the following primary tapings : none;
secondary tapings : see drawing T 488259;
- e) Rectifier circuit : 3 phase Graetz Bridge
with centre tap for half voltage;
- f) Tube complement : 6 x 2 parallel BBC diodes
DQ 71;
- g) Connection of the GR transformer :
primary : Δ/Δ , secondary : Δ
- h) Current consumption per primary phase :
310-530 A; impulse current primary to phase:
1060-1800 A.

Pour tous renseignements complémentaires, prière de téléphoner à G. Primadei - 5180/5186.

Magasins/Récupération-Tél.2180

ON RECHERCHE ... - Rappel

- Une cage-piège pour chats, qui a été empruntée au restaurant No 2. Cette cage appartient à l'Office vétérinaire Cantonal et a été prêtée au CERN. Veuillez rapporter cet objet au bâtiment 562, Service nettoyage / SB.

LIBRARY

It has become necessary to restrict some of the Library services owing to staff reductions. Details of the changes are available in all Library Reading Rooms.

VACANT POSTS LIST ON 3rd JANUARY 1977

<u>Post No.</u>	<u>Vacancy No.</u>	<u>Title</u>	<u>Grade</u>
TH-SP-016 *	76-46	Physicist	9/10
TH-DI-026	76-80	Scientific Reports Typist	5/6

EP-EL-IN-058	76-85	Laboratory Technician* (Electronics)	6/7
EP-RE-311 *	76-11	Physicist	9/10
EP-RE-BC-416/419	76-76	Programmer (Physicist)	8/9
EP-RE-LAB-Reserve	76-74	Scanner (Night work)	3/4

DD-SW-OS-066	76-77	Systems Programmer (Physicist) or (Mathematician)	8/9/10
DD-MS-OL-175	76-78	Systems Programmer (Physicist) or (Mathematician)	8/9/10
DD-SW-260 *	76-34	Systems Programmer (Physicist) or (Mathematician)	8/9/10

PS-OP-312	76-72	Technician	6/7
PS-CCI-319	76-68	Systems Programmer	9
PS-CCI-412	76-69	Electronics Engineer or Physicist	10

ISR-OP-002	76-75	Physicist or Engineer	8/9

SPS-SME-DO-64	76-67	Technical Draughtsman (Mechanics)	5/6
SPS-SI-FL-339	76-43	Electro-Mechanic	6
SPS-CO-CC-387	76-57	Systems Programmer or Scientific Programmer	8/9
SPS-DI-AD-429	76-82	Clerk-Typist	5
SPS-CO-GE-483	76-41	Laboratory Technician (Electronics)	6/7
SPS-EA-497 to 502	76-79	Technician	7
SPS-APS-503	76-83	Technical Assistant (Electrical) or (Electronics)	6/7

SB-EE-GE-SI-62/90	76-70	Electrician (Emergency repair and Site Maintenance service)	6
SB-EE-GE-PH-74	76-87	Operator (High pressure boiler plant and diesels)	5

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

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

concerts publics du cern

Nous avons le plaisir de porter à votre connaissance et à celle de vos nombreux amis mélomanes, la reprise de nos "CONCERTS PUBLICS" organisés en collaboration avec la Radio Suisse Romande.

Le succès obtenu lors de nos précédents cycles de concerts nous incite à continuer cette activité pour permettre à chacun de goûter aux joies de la musique en famille.

PROGRAMME DE LA SAISON 1977

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Mardi 8 février

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Trio composé de :

Jeanne Loriod : ondes Martenot
J.-G. Cattin : percussions
Julien Ridoret : piano

Oeuvres de O. Messiaen, J.-S. Bach, M. Ravel, Fr. Liszt, A. Jolivet.

Vendredi 4 mars

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Quintette de France

Oeuvres de W.A. Mozart, J. Brahms, B. Bartok.

Jeudi 31 mars

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Ensemble de Violoncelles de Genève

Oeuvres de J. Pachelbel, G. Ph. Telemann, J.-S. Bach, A. Vivaldi ...

Vendredi 13 mai

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Quatuor composé de :

J.P. Goy : hautbois
P. Urstein : violon
Ph. Mermoud : viole de gambe
N. Hostettler : clavecin

Oeuvres de Fr. Couperin, A. Corelli, Janitsch, A. Vivaldi.

Mardi 14 juin

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Ensemble Instrumentarium de Genève

"La Musique Baroque".

Billets numérotés à Fr. 8.-. Abonnement aux cinq concerts : Fr 35.-. Renseignements et réservation : G. Adam, tél. 4813.