

Nouvelles brèves

plutôt un homme d'idées, a soutenu Pauling qui pourtant, comme Max Perutz, reste sceptique quant à l'influence sur les progrès en biologie moléculaire moderne de l'ouvrage célèbre de Schrödinger «Qu'est-ce que la vie?».

Un enregistrement de la BBC datant de 1948 (Les électrons pensent-ils?) témoigne de la qualité d'expression en anglais de Schrödinger, qualité qu'il attribuait à une tante anglaise. Un autre souvenir vivace a été apporté par sa fille, Ruth Braunizer, ravie par le chat ornant l'emblème placé à la tribune officielle de la conférence.

Le financement de la conférence a été assuré notamment par le Gouvernement autrichien et l'Institut des études avancées de Dublin.

Source: D. Olive.

Personnalités

Après un hiatus de 25 ans, un éminent physicien soviétique (V.N. Gribov) est récemment revenu au CERN. Il a d'abord rappelé qu'à cette première occasion il avait été le témoin de la prédiction historique de Murray Gell-Mann sur la particule oméga-moins, puis il a présenté son point de vue (pas tout à fait orthodoxe) sur le rôle des quarks légers dans le phénomène de confinement des quarks. Il a également affirmé que le gluonium (matière formée de gluons plutôt que de quarks) ne peut exister. Sachons qu'aucune preuve concluante de l'existence du gluonium n'a encore été trouvée.

Il y a quelques mois, les physiciens autrichiens ont fêté le soixantième anniversaire de leur concitoyen, le théoricien Walter Thirring, en lui dédiant les sessions de 1987 de la réunion annuelle «Universitäts-wochen für Kernphysik» dans la ville autrichienne de Schladming; ses amis et ses collaborateurs ont présenté plusieurs conférences.

Alan Jeavons, Peter Frey, David Townsend et Alfred Donath ont reçu le prix de Jubilæ 1987 de la Société suisse de radiologie et de médecine nucléaire pour leurs travaux sur la mise au point d'une caméra à positons destinée à l'imagerie diagnostique. Son dévelop-



V.N. Gribov (à dr.) en compagnie de Tord Ekelöf (Uppsala).

HEAD OF ENGINEERING GROUP

Sincrotrone Trieste spa, an Italian limited company, invites applications for the position of Head of the Engineering Group in the Synchrotron Radiation Source Project. The Project, planned for construction in Trieste, Italy, consists of a 2 GeV electron storage ring and its injection system. The storage ring will produce beams of VUV and soft X-ray synchrotron radiation from wigglers and undulators with extremely high flux and brilliance. When completed, it will provide outstanding research opportunities to a multi-disciplinary scientific community.

The successful candidate will report directly to the Project Head, and will be responsible for the coordination of design, construction and operation of the magnets and power supplies, the survey system and the coordination of the electrical and mechanical installation. This is a senior position which requires advanced degree in electrical or mechanical engineering and at least ten years' experience in the management, design and construction of large particle accelerators.

To apply please send a complete curriculum vitae, a list of publications and the names of the referees to the attention of:

Max Cornacchia
Sincrotrone Trieste
Area di Ricerca
Padriciano 99
34 012 Trieste, Italy

Ref. M/001 (to be indicated in the envelope)

High Energy Physics Research Associates

There are vacancies for Research Associates to work with groups in high energy physics. Groups from the Rutherford Appleton Laboratory are working on experiments at CERN, DESY, ILL, and SLAC. There is in addition a vacancy in the HEP Theory Group.

Candidates should normally be not more than 28 years old. Appointments are made for 3 years, with possible extensions of up to 2 years. RAs are based at the accelerator laboratory where their experiment is conducted, and at RAL, depending on the requirements of the work. Most experiments include UK university personnel with whom particularly close collaborations are maintained.

Please write for an application form quoting VN 567 to:
Recruitment Office, R20, Rutherford Appleton Laboratory, Chilton, Didcot, Oxfordshire OX11 0QX ENGLAND.



Experimental Physicist

A position is available for an experimental physicist at the Swiss Institute for Nuclear Research.

SIN operates a 600 MeV isochronous cyclotron which is used to produce a number of meson beams. The position is initially available for three years.

The successful candidate will be expected to work primarily in medium energy nuclear physics experiments at SIN, but the opportunity to also take part in an experiment at CERN may be available.

Additional information can be obtained from:

Dr. Q. Ingram (Tel. 056/99 32 58)

or Dr. J. Domingo (Tel. 056/99 32 51).

Applications, containing curriculum vitae, list of publications and references should be sent as soon as possible, but not later than July 31, 1987 to

SIN
Personnel Division
CH-5234 Villigen
Switzerland
Code 588



UNIVERSITY OF CAPE TOWN

Chair of Theoretical Physics

Applications are invited for the above tenured Chair in the Department of Physics, for appointment on 1 October 1987 or as soon as possible thereafter. The appointee will be expected to participate in teaching at undergraduate and graduate levels and to strengthen existing research interests.

The University is seeking a theoretical physicist with an established research reputation at international level. Current research interests in theoretical physics involve quantum chromodynamics, chiral symmetry breaking and the confinement problem, superstrings, statistical mechanics of strongly interacting matter, nuclear structure and reactions, and approximation methods in quantum mechanics. The main thrust of research in experimental physics lies in the fields of nuclear and laser physics.

Appointment, according to qualifications and experience will be made in the salary range R37 482-R45 069 per annum, with an annual bonus and attractive staff benefits. The University anticipates that salary ranges may be increased in the foreseeable future.

Applicants should submit a full curriculum vitae and the names and addresses of three referees, not later than 11 September 1987 to the Registrar (Attention: Appointments Office FH1687) University of Cape Town, Rondebosch, 7700, Republic of South Africa. Further information may be obtained from the above or from the Secretary, SA Universities Office, Chichester House, 278 High Holborn, London WC1V 7HE.

The University's stand against apartheid and all racially discriminating legislation is on record. Information on this as well as on the University's policy not to discriminate in the appointment of staff or the selection of students on the grounds of sex, race or religion is obtainable on request.

Bates Wells Recruitment CT 181R

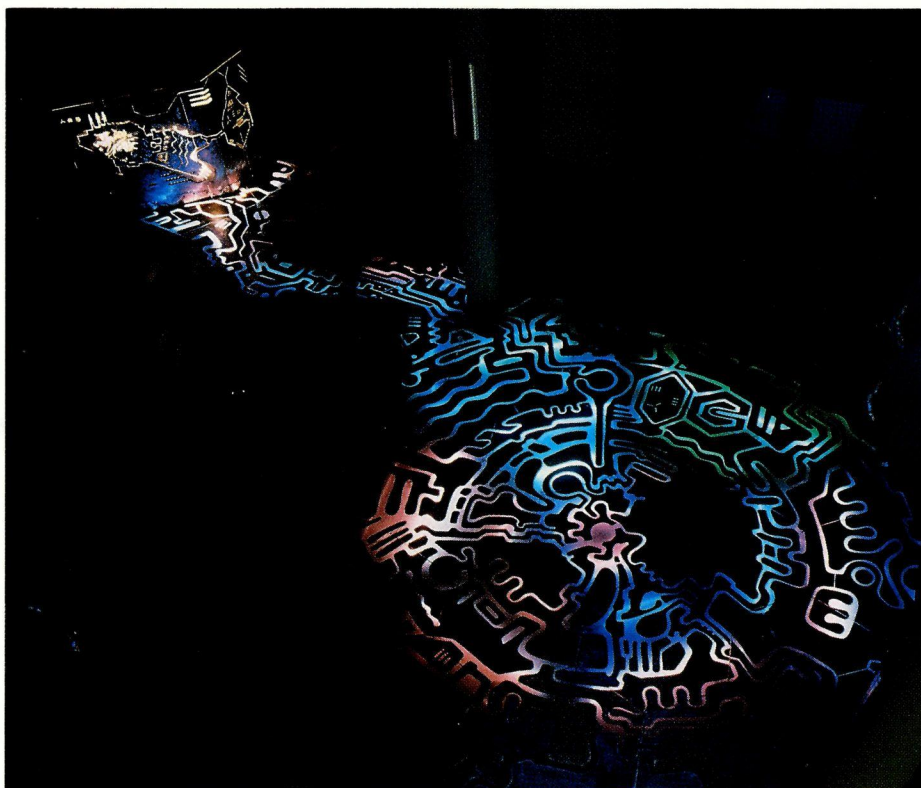
Karl Lanius, directeur de l'Institut de physique des hautes énergies de la République démocratique allemande.



pement avait débuté au CERN à la fin des années soixante-dix et s'était poursuivi dans le service de médecine nucléaire de l'Hôpital cantonal de Genève.

Le 3 mai, l'Institut de physique des hautes énergies de l'Académie des sciences de l'Allemagne de l'Est a célébré le soixantième anniversaire de son directeur Karl Lanius. En dehors du rôle considérable qu'il a joué dans le développement de la recherche en physique des hautes énergies en République démocratique allemande, K. Lanius a également été membre de plusieurs comités internationaux importants et vice-directeur de l'Institut unifié des recherches nucléaires de Doubna.

L'Institut de physique des hautes énergies de Zeuthen (République démocratique allemande) existe depuis un quart de siècle. Ses chercheurs participent actuellement au programme de physique du neutrino à Serpoukhov (URSS), à l'expérience L3 du collisionneur électron-positon LEP du CERN et à l'expérience H1 au collisionneur électron-proton HERA du Laboratoire DESY (RFA). La statue est celle de Max Planck.



«Le chant des cosmiques»: en arrivant au CERN, les visiteurs peuvent maintenant admirer la sculpture dynamique de Serge Moro qu'illuminent des tubes fluorescents en réponse à des signaux de rayons cosmiques. Les photographes du CERN, Gilbert Cachin et François Julliard, ont saisi la scène sous sa meilleure lumière.



**UNIVERSITY OF ILLINOIS
at Urbana-Champaign**

ASSISTANT PROFESSOR

The Department of Physics anticipates a faculty appointment in experimental particle physics beginning on August 21, 1988. This would be a tenure-track position, although in exceptional circumstances an appointment directly to a tenured position would be considered. Our principal interest is in the candidate's ability to teach effectively at both undergraduate and graduate levels, and to conduct a vigorous and significant research program. Salary would be commensurate with qualifications.

The high energy physics group is large and diverse, including collaborations at SLAC (SLD), Fermilab (CDF), Brookhaven (neutrino oscillations), and DESY (ZEUS).

Applications, consisting of a C.V., list of publications, summary of research interests, and the names of at least three references should be sent to:

**Professor A.C. Anderson
Head, Department of Physics
University of Illinois
1110 W. Green Street
Urbana, IL 61801
Telephone: 217-333-3760**

To receive full consideration, applications should be received prior to December 1, 1987. Interviews may take place during the application period, but no final decision will be made until after December 1, 1987.

The University of Illinois is an Equal Opportunity/Affirmative action employer.

HEAD OF VACUUM GROUP

Sincrotrone Trieste spa, an Italian limited company, invites applications for the position of Head of the Vacuum Group in the Synchrotron Radiation Source Project. The Project, planned for construction in Trieste, Italy, consists of a 2 GeV electron storage ring and its injection system. The storage ring will produce beams of VUV and soft X-ray synchrotron radiation from wigglers and undulators with extremely high flux and brilliance. When completed, it will provide outstanding research opportunities to a multi-disciplinary scientific community.

The successful candidate will report directly to the Project Head, and will be responsible for the coordination of design, construction and operation of the vacuum system of the accelerator complex. Particular aspects of the technology involve the vacuum chamber, the pumping system and the study of gas desorption caused by synchrotron radiation. This is a senior position which requires advanced degree in physics or mechanical engineering and at least ten years' experience in the design and construction of high vacuum systems. Previous experience in accelerator technology is desirable.

To apply please send a complete curriculum vitae, a list of publications and the names of three referees to the attention of:

**Max Cornacchia
Sincrotrone Trieste
Area di Ricerca
Padriciano 99
34 012 Trieste, Italy**

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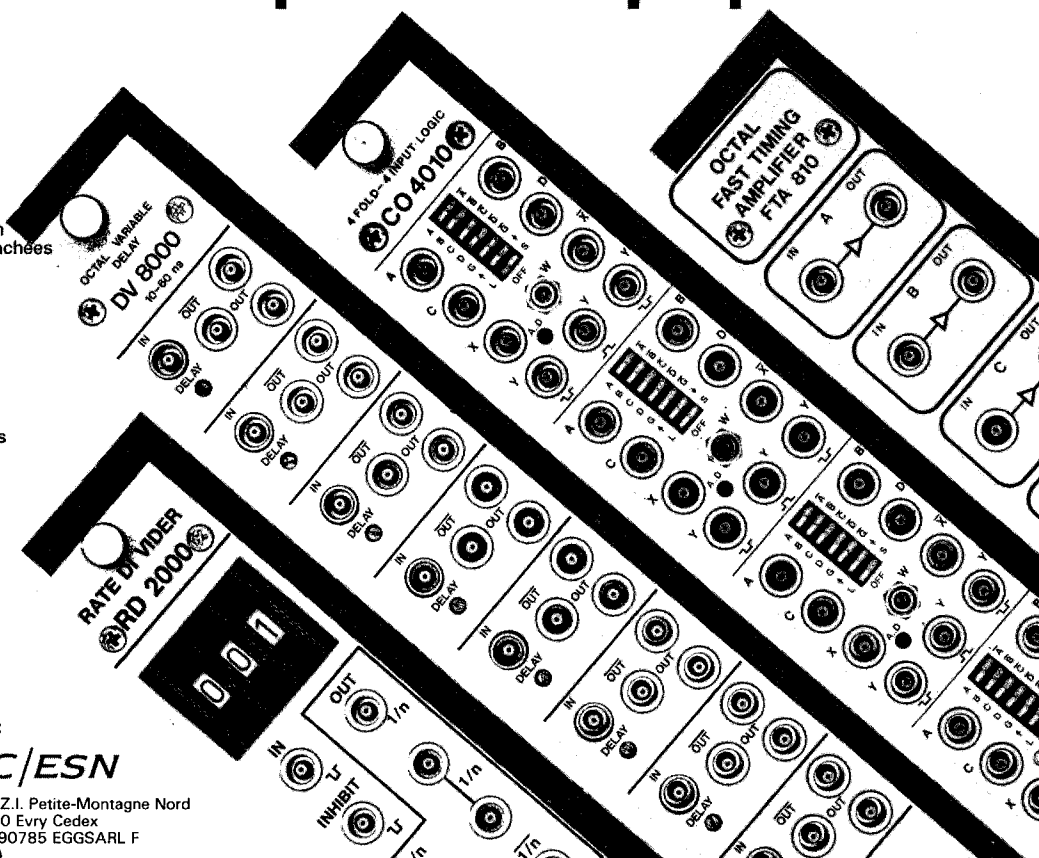
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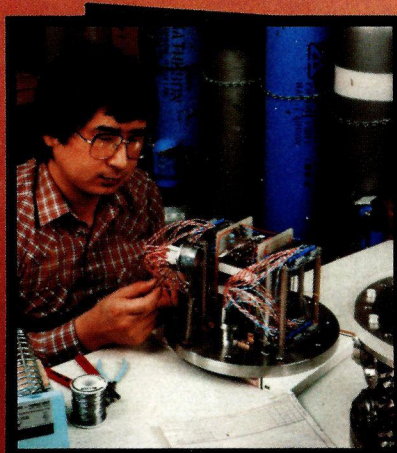
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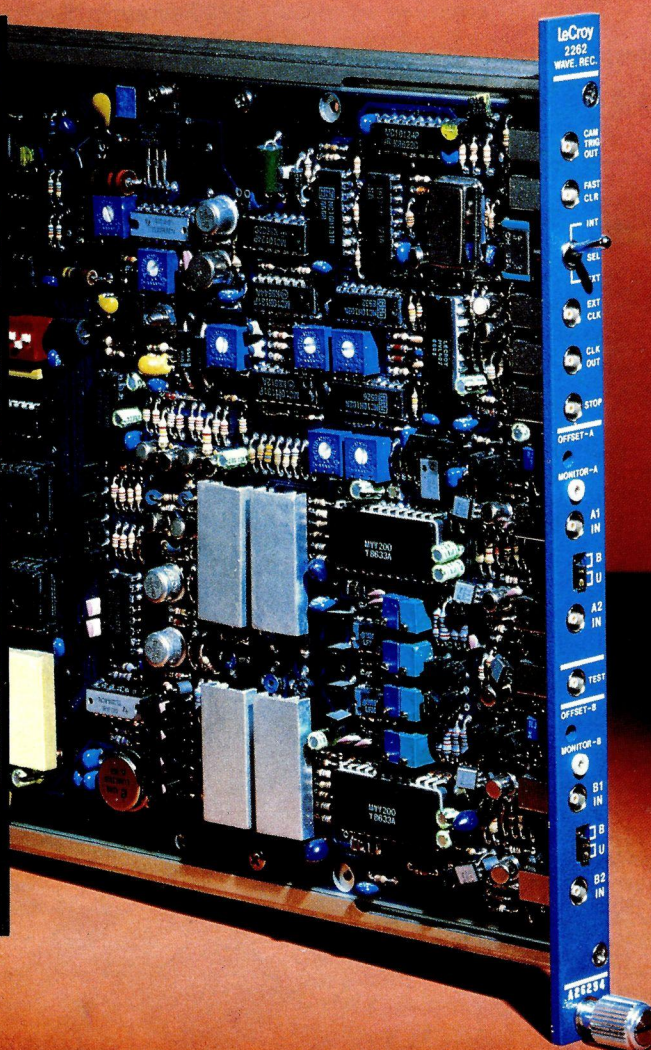
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