

People and things

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On 1 March, Bjorn H. Wiik (above) became Director (more accurately Chairman of the Directorate) of the DESY Laboratory in Hamburg.

(Photo Petra Harms)

Below: Retiring DESY Director Volker Soergel (right) receives Germany's Distinguished Service Cross (Verdienstkreuz 1. Klasse des Verdienstordens der Bundesrepublik Deutschland) from Gebhard Ziller of the Ministry of Research and Technology.

(Photo M. Müller)



Parke Rohrer (left), Brookhaven's Associate Director for Management and Physical Plant, receives his Outstanding Contractor Program Manager Award from William Happer, Director of the US Department of Energy's Office of Energy Research. As well as two spells at Brookhaven, Rohrer has contributed to a wide range of DoE projects, having been general manager of the joint venture of architects and engineers that built Fermilab from 1968-74.

Bjorn Wiik becomes DESY Director

On 1 March, Bjorn H. Wiik became Director (more accurately Chairman of the Directorate) of the DESY Laboratory in Hamburg, succeeding Volker Soergel, in office since January 1981.

Born in Norway in 1937, Bjorn Wiik moved to Germany in 1956 for seven years of physics studies. After several years research in the US, he came to DESY in 1972, where he became, with Gustav-Adolf Voss, one of the leaders of the HERA electron-proton collider project. Wiik had long been an advocate of the hitherto untried electron-proton approach, with the apparently structureless electrons probing the parts of protons other beams cannot reach. His was the special responsibility for the superconducting proton ring.

For the future, as well as developing the HERA programme, boosting synchrotron radiation possibilities and overseeing the integration of the Zeuthen institute in former East Berlin, he stresses DESY's continuing and challenging role in the international planning and development work for new accelerators, and sees the decreasing resources available in today's cost-conscious climate as stimulating creativity and new ideas.

Volker Soergel

Volker Soergel's 12-year spell as DESY Director ended on 28 February. For his contributions to the Laboratory in general, and in particular for his role in developing international research collaboration, especially with scientists from Eastern Europe, he was awarded Germany's



Distinguished Service Cross (Verdienstkreuz 1. Klasse des Verdienstordens der Bundesrepublik Deutschland). Soergel now moves to Heidelberg, and becomes a member of Germany's delegation to CERN Council.

On people

After a two-year spell at the SSC Laboratory, Ray Stefanski returns to Fermilab to become Assistant Director, working with Associate Director for Technology Dennis Theriot.

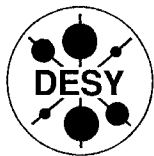
Meetings

A Summer School on QCD Analysis and Phenomenology, organized by the CTEQ Collaboration (Coordinated Theoretical/Experimental Project on Quantitative QCD Phenomenology and Tests of the Standard Model), will be held from July 25-

August 3 in Lake Monroe, Indiana. Jorge G. Morfin of Fermilab is Chairman. Further information from Cynthia M. Sazama, Fermilab MS 122, PO Box 500, Batavia, IL 60510; fax: 708-840-8589; e-Mail: CTEQSCHOOL@FNAL

The 6th European Conference on Integrated Optics, this time with an accompanying Technical Exhibit, claimed to be the first of its kind, takes place in Neuchâtel, Switzerland, from 18-22 April, at the Aula des Jeunes Rives, Espace Louis-Agassiz 1. Further information, fax +41 38 205 580.

An international meeting 'Neutral Currents Twenty Years Later', at the Ministère de la Recherche et de l'Espace, Paris, from 6-9 July will review the 1973 discovery of neutral currents and the current status of all fields of electroweak physics. Further



DESY is one of the leading laboratories in elementary particle physics and synchrotron radiation.

Applications are invited for the position of an

experimental physicist

The candidate is expected

- to take responsibility for a component of the ZEUS detector at the electron-proton accelerator HERA
- to participate in the data analysis
- to take a leading role in the research program of the ZEUS collaboration.

Applicants should have a PhD degree in physics, several years' experience in experimental elementary particle physics and be active in the research in this field. They should have an established record in analysis of particle physics experiments and be able to coordinate the work in close collaboration with the physicists and technicians of the ZEUS experiment.

The appointment will be indefinite with a salary according to federal tariffs (BAT Ib, IIa depending on experience and ability).

Letters of application including C.V., list of publications and the names of three referees should be sent to the personnel department until **30 April 1993**.

DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY

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EURODAΦNE

POSTDOCTORAL RESEARCH POSITIONS
in Particle Theory

A European Community supported network, EURODAΦNE, expects to support 3 two year postdoctoral positions starting October 1993, to study theoretical issues involved in the physics to be learnt from experiments at DAΦNE, the Φ -factory, presently being constructed at Frascati, Italy.

The areas of study for the 3 positions cover the following topics (at the corresponding centres) :

- CP violation and rare K-decays (Frascati and Roma),
- chiral perturbation theory and its applications (Bern),
- hadron spectroscopy and dynamics (Durham and Rutherford Appleton Laboratory).

The research associates will be based at the centres listed above, but will be encouraged to visit the other institutions of the network in Barcelona, Granada, Napoli, Orsay, Perugia, Thessaloniki, Trieste and Wien. EC rules require the appointees to be citizens of an EC country and to be appointed to a node of the network in a country of which they are neither a citizen nor in which they normally reside.

The gross annual reimbursement of 30-35000 ECUs (based upon age and experience) is intended to cover subsistence, mobility costs and special expenses for the publication of results including participation at scientific meetings.

Please apply by April 15th, 1993, sending c.v., details of recent research, publication list and names of three referees to:

Dr G. Pancheri, Laboratori Nazionali di Frascati, Casella Postale 13, I-00044 Frascati (Roma), Italy, indicating your preferences. Use Express mail or DECNET 39941::PANCHERI or Pancheri@IRMLNF.

Assistant Professor in Accelerator Physics at Stanford Linear Accelerator Center

The Stanford Linear Accelerator Center (SLAC) invites applications for an Assistant Professorship in accelerator physics. This is a tenure-track faculty position at Stanford University. The SLAC accelerator physics program focuses on electron accelerators for high-energy physics research and for synchrotron radiation-based research. Currently it includes:

- 1) improvement of the Stanford Linear Collider,
- 2) development of the NLC, a next-generation linear collider,
- 3) design and construction of PEP-II, a high-current storage ring collider (B-factory),
- 4) development of advanced synchrotron light sources based on storage rings and linacs.

Candidates should have an outstanding research record which encompasses a combination of theoretical and experimental research and shows potential for major accomplishments. The successful applicant is expected to take a leading role in the ongoing activities at SLAC or in related accelerator physics research. Applicants should send a curriculum vitae, a publication list, and the names of three references by June 1, 1993 to: **Professor Robert Siemann, Mail Stop 26, SLAC, Stanford University, Stanford, CA 94309, USA.** *Stanford University is an equal opportunity employer and welcomes applications from women and members of minority groups.*



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Department of Physics

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fundamental interactions"

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and arrive at the latest **May 17, 1993.**

With the application should be submitted :

1. Curriculum Vitæ and list of scientific publications.
2. Short written account of scientific and pedagogical activities. From this account it should be clear which investigations, results and other achievements should be primarily considered in the selection procedure in the applicant's own view.

More information on the application procedure including when and where reprints of scientific articles should be sent can be obtained from the administrative officer in charge (Mr. U. Lindgren, phone +46-8-163322, fax +46-8-6125960).



UNIVERSITETET I TRONDHEIM
DEN ALLMENNIVITENSKAPELIGE HØGSKOLEN

Professorship in Theoretical Particle Physics

is vacant at the Department of Physics, College of Arts and Science, University of Trondheim. A main activity in the theory group at the department is in elementary particle physics and astrophysics.

We want to hire a person with a strong background in theoretical particle physics, who can strengthen our activity in CERN-related research. It will be considered an advantage if, in addition, the appointee can support activities in high-energy astrophysics and cosmology.

Applications should include a curriculum vitae and a list of publications, in 6 copies, and be sent to

**Universitetet i Trondheim, AVH,
Personalkontoret, N - 7055 Dragvoll, Norway,**

before May 3, 1993. Please quote reference number 1663 in the application.

Within June 3, 1993 the applicants are furthermore supposed to provide 5 copies of the scientific papers they consider most important. The number of papers sent in should normally not exceed 10. A description of these papers, in six copies, should also be included.

For a more detailed description of the position and further information about the application procedures, interested applicants should contact

**Professor Kjell Mork, Department of Physics,
University of Trondheim, AVH, N-7055 Dragvoll,
Norway.
tel.: +47-7-59 18 65. Fax.: +47-7-59 18 52
e-mail: kjell.mork@avh.unit.no.**

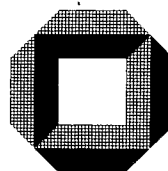
Associate Research Scientist Position At Yale University

Applications are invited for two Associate Research Scientist positions in Particle Physics at Yale University:

- 1) Precision measurements of the anomalous g-value of the muon at Brookhaven National Laboratory. Primary responsibility for data acquisition and the electron calorimeter. Also responsibility for precision magnetic field muon storage ring. Also will be involved in developing the shower maximum detector for the SDC experiment at the SSC.
- 2) The new SMC experiment at CERN to measure the spin dependent structure functions of the proton and neutron through deep inelastic scattering of polarized muons by polarized protons and deuterons in a hydrocarbon target is in progress. The fundamental Bjorken sum rule will be tested and the results will be important for understanding the internal spin structures of the proton and neutron. Experimental checkout and initial data-taking took place in 1991 and 1992. Additional major developments and data-taking are planned through 1993 and 1995.

Appointments are for one year, renewable, and are to be made at the earliest possible date. Interested candidates should send a curriculum vitae and publication list and arrange to have three recommendation letters sent to either: Dr. Vernon W. Hughes or Professor Priscilla Cushman, Department of Physics, Yale University, 4th floor J.W. Gibbs, P.O. Box 6666, New Haven, CT 06511, USA.

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UNIVERSITÄT
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An der Fakultät für Physik ist eine

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wiederzubesetzen.

Gesucht werden Bewerberinnen und Bewerber mit dem Arbeitsgebiet Theorie der Elementarteilchen und Relativistische Quantenfeldtheorie. Vorausgesetzt werden Habilitation oder gleichwertige wissenschaftliche Leistungen sowie Lehrerfahrung.

Die Fakultät für Physik mit ihren beiden Schwerpunkten Festkörperphysik sowie Kern- und Teilchenphysik bietet vielfältige Möglichkeiten zur Zusammenarbeit, insbesondere mit bestehenden Gruppen der theoretischen und experimentellen Elementarteilchenphysik.

Die Universität Karlsruhe strebt die Erhöhung des Anteils der Frauen im Personalbereich an und fordert deshalb entsprechend qualifizierte Frauen nachdrücklich auf, sich zu bewerben.

Bewerbungen und Unterlagen über die bisherige Forschungs- und Lehrtätigkeit sowie Sonderdrucke der wichtigsten Publikationen werden bis zum **26. April 1993** erbeten an den Dekan der Fakultät für Physik, Universität Karlsruhe (TH), Postfach 69 80, 7500 Karlsruhe 1.

UNIVERSITY OF OXFORD
in association with Somerville College
University Lecturership in
EXPERIMENTAL PARTICLE PHYSICS

Applications are invited for the above post which commences 1 October 1993. Stipend according to age on the scale £ 13,400 to £ 26,407 per annum. The successful candidate may be offered a tutorial fellowship by Somerville College, for which additional emoluments would be available. Further particulars (containing details of the duties and full range of emoluments and allowances attaching to both the university and the college posts) may be obtained from Prof. R.J. Cashmore, Particle and Nuclear Physics, Keble Road, Oxford OX1 3RH.

The present experimental research programme of the Particle and Nuclear Physics Laboratory includes the DELPHI experiment at LEP (CERN) and ZEUS experiment at HERA (DESY); the SOUDAN 2 experiment; the Sudbury Neutrino Observatory project; the development of cryogenic detectors and preparations for high energy pp physics. The Department would expect the appointee to participate in some of the above programme, or possibly develop new initiatives associated with future accelerator or other project. Applications (eight copies except in the case of overseas candidates when only one is required) should be sent to arrive no later than 7 May 1993. These should include a curriculum vitae, list of publications, a statement of research interests and teaching experience and the names of three referees. Referees should be asked to send references direct to Prof. Cashmore to arrive by the above date.

Shortlisted candidates will be interviewed in Oxford on 10th and 11th June 1993. All applicants are asked to indicate a telex, fax email or telephone number where they can be contacted during the period 21st May to 2nd June.

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The EISCAT Scientific Association performs ionospheric research with incoherent scatter radar systems operated in northern Norway, Finland and Sweden. As an important step in the evolution of the EISCAT Scientific Association a new radar station, the EISCAT Svalbard Radar (ESR), will be built on the island of Spitsbergen in the Svalbard Archipelago north of Norway.

For the construction of the EISCAT Svalbard Radar instrumentation, a

System Integration Engineer

will be installed. This engineer will assist the Radar Project Engineer in technical matters and conduct and supervise digital engineering as well as the interfacing of digital and analogue instrumentation of the ESR system, work on the acquisition of auxiliary subsystems, specification and execution of test procedures, the implementation of monitoring and control systems and the integration, tests and quality control of the ESR system to be installed on Svalbard.

A highly qualified and well motivated individual, possessing a degree in electronic engineering, computer engineering or technical physics as well as practical knowledge of digital and analogue instrumentation is required. Familiarity with modern system software design is important and practical knowledge of RF engineering is desirable. The successful candidate should be prepared to be substantially involved in the practical construction of the radar system. An ability to communicate effectively in spoken and written English is essential. The system integration engineer will initially work at the EISCAT site in Tromsø, Norway, but must also be willing to spend considerable time at the Svalbard site during the system implementation and tests.

This position will be available for a period of four years through the entire construction, implementation, test and initial operation phase of the EISCAT Svalbard Radar. The salary will depend on qualifications and experience and will follow the corresponding Scandinavian scales.

More information on the EISCAT Scientific Association and a detailed description of the EISCAT Svalbard Radar can be obtained from The Director, EISCAT Headquarters, P.O. Box 812, S-981 28 Kiruna, Sweden (Tel. +46-980-79153. Fax +46-980-79161). Applications should be sent to the same address by 30 April 1993.



Das Deutsche Elektronen-Synchrotron DESY ist ein Zentrum der physikalischen Grundlagenforschung mit etwa 1.400 Mitarbeitern und ca. 1.000 in- und ausländischen Gästen. Wir suchen für unsere Abt. "Hochfrequenz-technik" eine(n)

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für Betrieb und betriebsnahe Weiterentwicklung der umfangreichen Hochfrequenz-Anlagen in den Elektronen- und Protonenbeschleunigern bzw. Speicherringen von DESY; dazu Studien- und Projektierungsaufgaben für mögliche zukünftige Projekte. Es handelt sich um umfangreiche Anlagen mit Teilchenbeschleunigungsstrecken (Hohlraumresonatoren), Hohlleitersystemen zur Leistungsverteilung und Senderanlagen (gepult wie auch Dauerstrich) im Megawattbereich bei Frequenzen zwischen 3 MHz und 3000 MHz; hierzu gehören ferner umfangreiche weitgehend prozessorientierte Mess-, Steuer- und Regeleinrichtungen.

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Wenn Sie gern in der aufgeschlossenen Atmosphäre eines modernen Forschungsinstitutes arbeiten möchten, bitten wir um Ihre schriftliche Bewerbung mit Angaben des frühesten Einstellungstermins und Referenzen an unsere Personalabteilung bis zum 17. April 1993.

Die Bezahlung und unsere sozialen Leistungen entsprechen denen des öffentlichen Dienstes.

Schwerbehinderte werden bei gleicher Eignung bevorzugt berücksichtigt.

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On 18 January, a 'Festkolloquium' at the Hamburg DESY Laboratory marked the 60th birthday of theoretician Gustav Kramer, well known for his contributions to jet studies and heavy flavour transitions.



Magnetic field computation specialist C.W. ('Bill') Trowbridge, Chairman of Vector Fields and formerly of the Rutherford Appleton Laboratory, receives the UK's OBE award.



Departmento di Scienze Fisiche, Naples. The dates are 29th April to 5th May.

information - Ung Nguyen Khac, NC93, Ecole Polytechnique, 91128 Palaiseau cedex, France, email NC93@FRCPN11

CERN Accelerator School

The Fifth Advanced CERN Accelerator School will be held on the Island of Rhodes from 20th September until 1 October. The course, which complements the General School held in 1992, will mainly be of interest to staff in accelerator laboratories, university departments and companies specializing in the equipment for particle accelerators. It requires a knowledge, up to first degree level, of physics, mathematics or engineering. The course is being organised with the help of the University of Athens and N.C.S.R. Demokritos. Details and application forms are now available by e-mail (CASRHO@CERNVM.CERN.CH), by fax (+41 22 782 4836) or by writing to Mrs. S. von Wartburg, CERN Accelerator School, CH-1211 Geneva 23. (Please ignore a later date mentioned in an earlier issue).

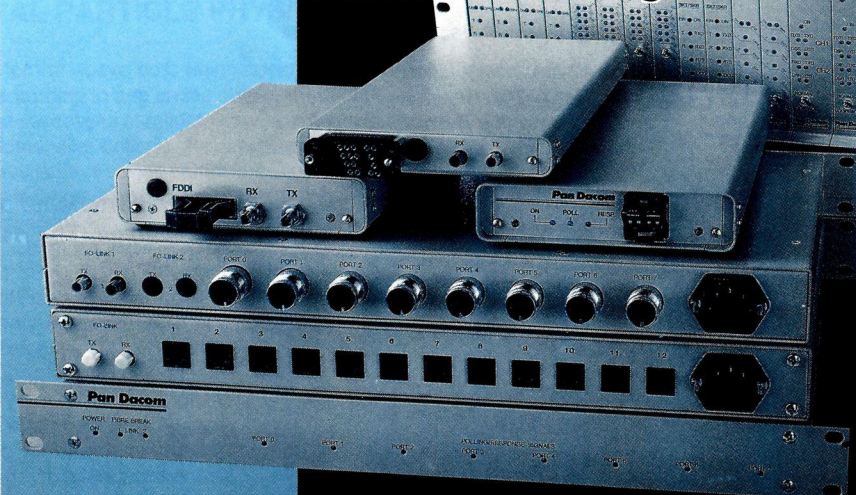
Meanwhile the next CERN Accelerator School will be in Capri on the subject of Radio Frequency Engineering. This is organized with the help of INFN Frascati and Naples together with the Universita degli Studi di Napoli, Federico II,



12 April marks the 80th birthday of Venedikt Dzhelepov, now Honorary Director of the Joint Institute for Nuclear Research, Dubna.

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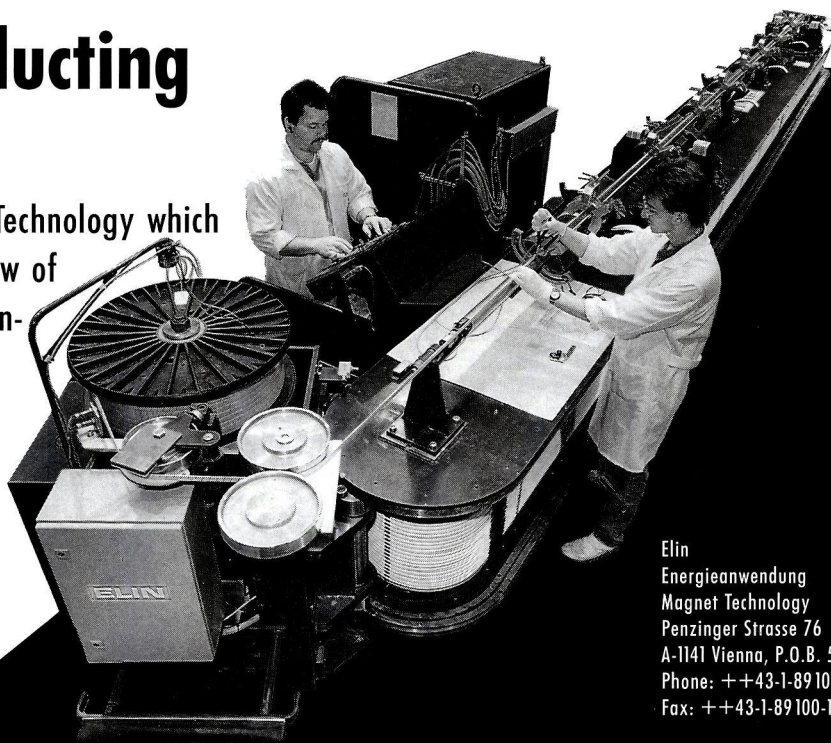
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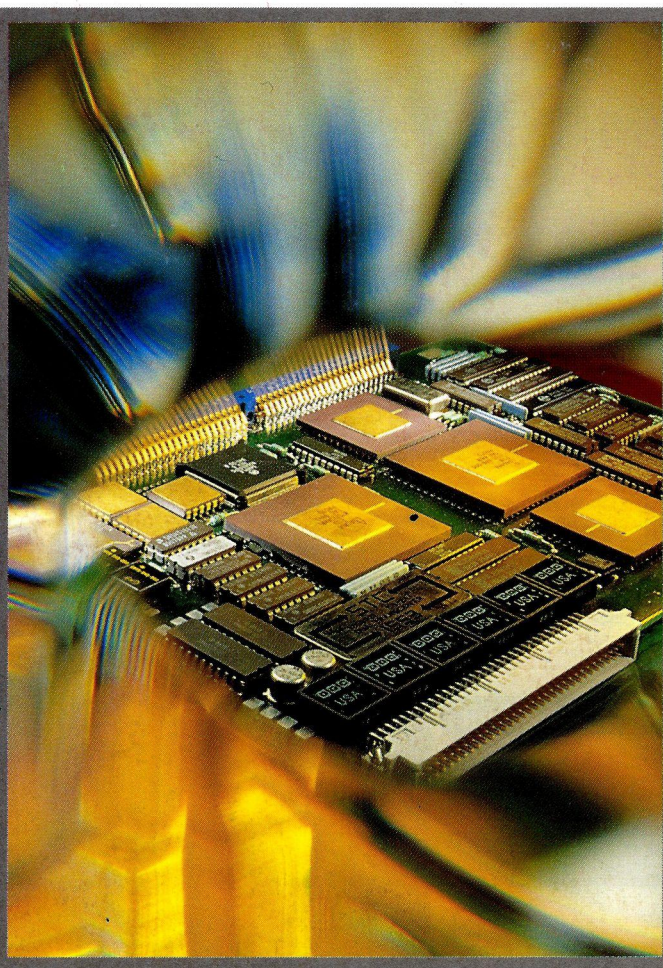
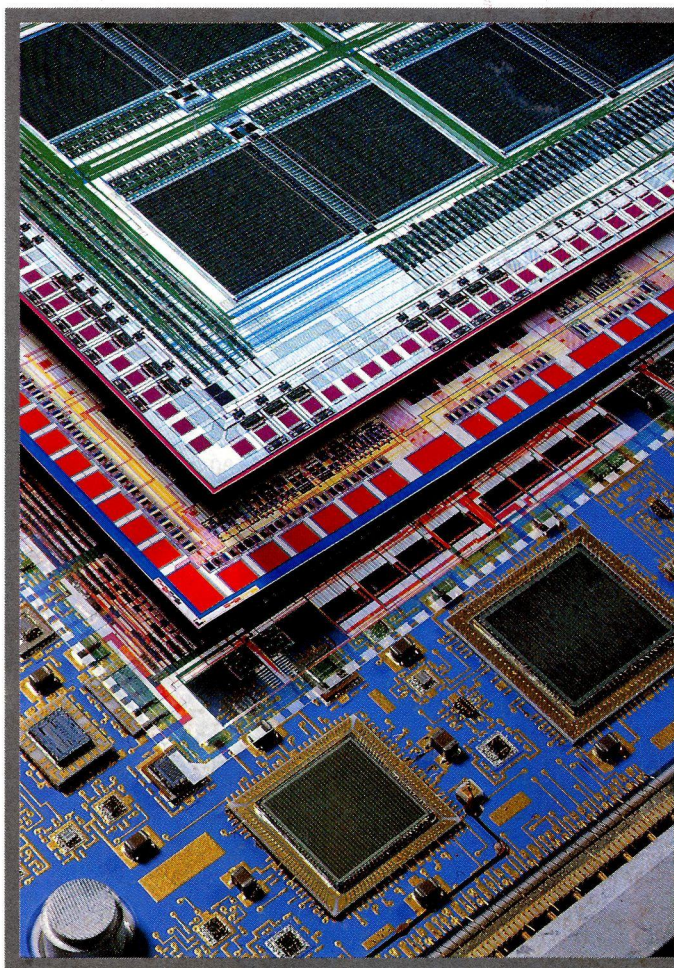
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