

reside until 1972. Guinier's election was announced at the Eighth International Congress of Crystallography, which was held in August at the State University of New York at Stony Brook (PHYSICS TODAY, August, page 23). Fritz Laves of the Zurich School of Technology was elected second vice-president, and Bertram E. Warren, professor emeritus of physics at the Massachusetts Institute of Technology, will continue as first vice-president.

Report Suggests Regional Problem-Solving Centers

A new kind of institution that would apply science and technology to regional problems has been suggested by a joint National Academy of Sciences-National Academy of Engineering committee in a report, *The Impact of Science and Technology on Regional Economic Development*. These Exploratory Centers for Regional Development, to be established where known problems exist, would have as a main function the identification of public and private "client-sponsors" who could implement new regional-development programs. Some of these centers would be new; others would use existing institutions, such as universities or Atomic Energy Commission laboratories.

48-University Consortium to Coordinate Space Research

A national consortium of 48 universities, Universities Space Research Association (USRA) has been formed as the space-research analog to Universities Research Associates in high-energy physics. The new group, which will foster cooperation among universities, other research groups and the US government, expects to develop and operate facilities (such as laboratories) for space-science research and education.

The National Academy of Sciences organized the consortium so that unique operations, such as the Lunar Receiving Laboratory, would be under national rather than university or regional control. USRA recently submitted to the National Aeronautics and Space Administration their proposal for management of the Houston Lunar Science Institute. The National Academy of Sciences has been directing the institute.

Donald A. MacRae is chairman of

the Council of Institutions that directs USRA, and Frederick Seitz is vice-chairman.

British Physicists Elect New Officers to Council

In elections held by The Institute of Physics and the Physical Society, new Council members as of 1 Oct. are: Cyril A. Hogarth, Brunel College, London (Vice-president); Alfred G. Gaydon, London, (Ordinary Member); and Nicholas Kurti, Brasenose College, Oxford (Ordinary Member). P. T. Menzies (Honorary Treasurer) and Robert Press (Honorary Secretary) were reelected.

IN BRIEF

Young physicists who wish to study in Latin America or the Caribbean are invited to apply for PhD and postdoctoral fellowships. Applications can be in any area of physics, and are due 1 Nov. For details write to Foreign Area Fellowship Program, 110 East 59 Street, New York, N. Y. 10022.

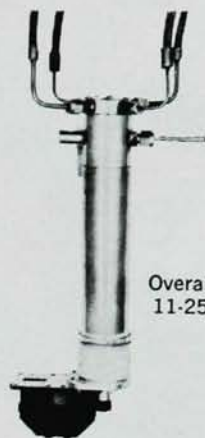
Six-month fellowships at the International Centre for Theoretical Physics in Trieste (beginning 1 April) are available in elementary-particle physics. Deadline for applications is 31 Oct.

The state of New Jersey is offering positions in its expanding college system for retired or about-to-be-retired scientists and engineers. They can lecture, supervise laboratory and quiz sections, assist in clerical work and perhaps have the chance to guide senior research projects. Those interested should contact Wesley Minnis, Dept. of Higher Education, Box 1293, Trenton, N. J. 08625.

A new communications package for technical managers has been designed by two former executives at *International Science and Technology*. In addition to a monthly magazine, *Innovation*, the service includes conference telephone calls, audio and video tapes, special reports and group tours. Information can be obtained from Technology Communication, Inc., 265 Madison Ave, New York, N.Y. 10016.

The latest *Index to the Literature of Magnetism* has been published by Bell Telephone Laboratories and reprinted by the American Institute

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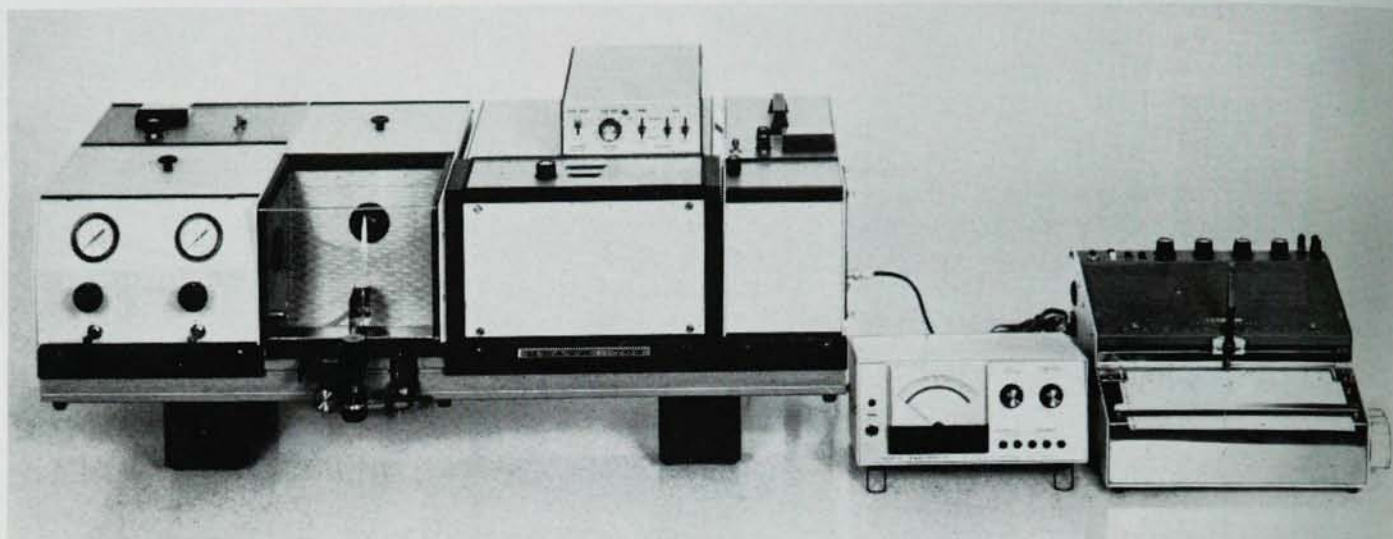


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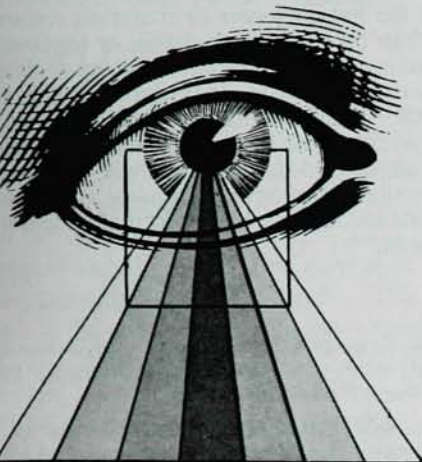
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of Physics. Listed as volume 8, part 1, the latest volume covers 1300 references from the 1967-68 literature under ferro-, ferri- and antiferromagnetism, superconductivity and paramagnetism in iron-group and rare-earth metals. Copies can be ordered from AIP.

"The Future of High-Energy Physics" is outlined in a new film prepared by the New York State Section of the American Physical Society and the Instructional Resources Center of the State University of New York. The film can be borrowed from the Booking Office, State University Film Service, 1400 Washington Ave, Albany, N.Y. 12203.

Research Corp, a private foundation, has increased its 1969 grants program by \$1 million. The total is \$3.5 million, with the largest increase going to the physical sciences. An international nuclear information system will be put into effect in 1970 by the International Atomic Energy Agency. The computer-based system will provide magnetic tapes, a semimonthly printed list, microfiche copies of abstracts and full texts. IAEA expects to spend about \$500 000 a year on the service.

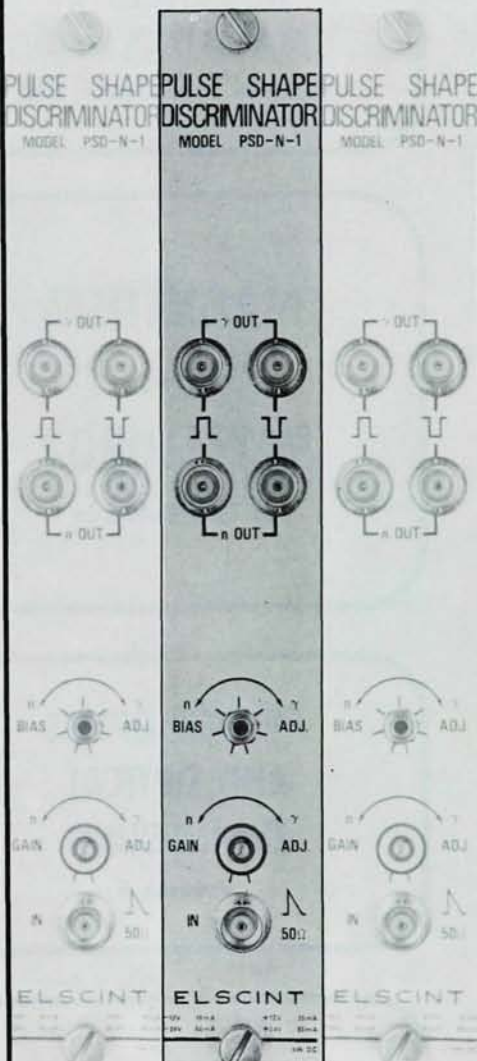
Microfiche copies of scientific and technical documents, grouped by subject, are available from the Commerce Department Clearinghouse for Federal Scientific and Technical Information. Copies can be obtained from Clearinghouse (152.12), Dept of Commerce, Springfield, Va. 22151.

The National Science Foundation has awarded \$274 930 to the Visiting Scientist Program for the 1969-70 academic year. The visiting-physicist program will receive \$31 400 of this money. This program, headed by George Appleton, is part of the American Institute of Physics Education and Manpower Division, which has offices at the State University of New York, Stony Brook.

A *Handbook of Resources for Physics Departments*, a 241-page book that lists 118 sources of financial aid, services, materials and information, has been published by the American Institute of Physics. Material from an out-of-print AIP booklet, *Directory of Physics Research Support for Academic Institutions*, is included as an appendix. □

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