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recommended for element 99, and fermium (symbol Fm) for element 100. The communication was signed by the following scientists: M. H. Studier, P. R. Fields, H. Diamond, J. F. Mech, G. L. Pyle, J. R. Huizenga, A. Hirsch, and S. M. Fried of Argonne; C. I. Browne, H. L. Smith, and R. W. Spence of Los Alamos; and A. Ghiorso, S. G. Thompson, G. H. Higgins, and G. T. Seaborg of the University of California Radiation Laboratory and Department of Chemistry.

Lectures and Courses

During the academic year 1955-56, more than one hundred scientists from Oak Ridge will offer their services as lecturers to colleges and universities, particularly those in the South, as part of the Atomic Energy Commission's program of disseminating scientific and technical information to educational institutions. The project is a joint activity of the Oak Ridge Institute of Nuclear Studies and the Oak Ridge National Laboratory. Copies of a brochure listing the speakers, their topics, and instructions for requesting lecturers may be obtained by writing to the Chairman, University Relations Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tennessee.

The Special Training Division of the Oak Ridge Institute of Nuclear Studies has announced a partial schedule of courses to be offered during the next 12 months. Four-week courses in the basic techniques of using radioisotopes in general research work, which are limited to 32 participants, will be held this fall term October 17 to November 11 and during the following periods in 1956: January 9 to February 3, February 6 to March 2, April 16 to May 11, June 4 to 29, July 16 to August 10, and August 13 to September 7. The minimum scholastic requirement is a bachelor's degree, preferably in a scientific field, and the tuition fee is \$25. Application materials must be at the Institute office three months prior to the starting dates of the course for which application is made. Application blanks and further information may be obtained from Ralph T. Overman, Chairman, Special Training Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tennessee.

The department of radiology of the University of Chicago has established two new courses leading to the master's degree in either radiological physics or in health physics. Facilities of the Argonne Cancer Research Hospital and specialized equipment including 250-kv therapeutic x-ray machines, a 2-Mev Van de Graaff, 50-Mev linear accelerator, 450-Mev synchrocyclotron, and a 1200-curie cobalt-60 therapy machine will be available for the course. For further information write to Lester S. Skaggs, Department of Radiology, The University of Chicago, 950 East 59th Street, Chicago 37, Illinois.

Stevens Institute of Technology, Hoboken, New Jersey, is offering evening graduate programs this year, leading for the first time to the PhD in physics, mathe-

matics, and chemistry. Stevens' evening graduate program was established 25 years ago in response to the needs of engineers and scientists employed in the metropolitan area who wished to continue in their jobs while pursuing further study, but until now has accepted no doctoral candidates in these fields.

Established

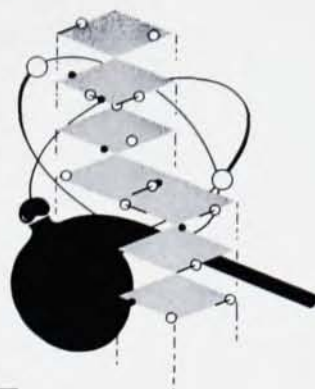
An instrumentation reference service has been inaugurated at the National Bureau of Standards as a means of providing government laboratories with more complete access to existing information on measuring instruments, controls, and data-handling devices. Maintained by the Bureau's Office of Basic Instrumentation, the service is now limited to government agencies and their contractors. An improved system for indexing sources of information is used in the reference service, and inexpensive hand-operated indexing equipment has been designed and constructed by Joshua Stern, who directs the reference center. A "multidimensional" system is employed which is the converse of the conventional punched card system. Each card represents an index term and the identity of the document to which the term applies is noted by the location of the approximate punched hole, which is determined by the serial number assigned to the document.

The Office of Scientific Research, which has been located at the Air Research and Development Command headquarters in Baltimore since its establishment in 1952, will soon be set up as a separate activity, with offices in Washington, D. C. The move is being made to "increase emphasis on basic research and provide closer liaison with other research organizations such as the National Advisory Committee for Aeronautics, Office of Naval Research, National Science Foundation, and the Air Staff and Defense Department scientific panels". Brigadier General Don Flickinger, currently director of research of ARDC, will be commander of the new office, which will be known as the Air Force Office of Scientific Research; Colonel William O. Davis will be deputy commander. The staff organization will include a civilian chief scientist and four civilian directors of aerodynamics, materials, life sciences, and physical sciences.

An applied nuclear physics division has been established at Oak Ridge National Laboratory which will encompass all reactor physics of general interest to ORNL progress, including shielding research and critical experiments. E. P. Blizard, former associate director of the physics division, heads the new division together with associate director A. Simon.

The Weizmann Institute of Science in Rehovoth, Israel, has purchased a 3-Mev Van de Graaff positive-ion accelerator from the High Voltage Engineering Corporation of Cambridge, Massachusetts. The machine will be installed next year in the new nuclear physics department building now under construction. According to Amos de-Shalit, head of the department, the ac-

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