An intensive program in infrared spectroscopy will be given June 17–28 during the 1957 summer session at the Massachusetts Institute of Technology. The program, offered jointly by the MIT Spectroscopy Laboratory and Department of Chemistry, is designed for those who wish an introduction to infrared instrumentation and laboratory methods and for those interested in the use of infrared spectra in the solution of chemical problems. It will consist of two integrated one-week courses, one on the technique and the other on the applications of infrared spectroscopy. Both are to be under the direction of Richard C. Lord, director of the MIT Spectroscopy Laboratory, assisted by Foil A. Miller of the Spectroscopy Laboratory at the Mellon Institute of Industrial Research, and E. R. Lippincott of the Department of Chemistry, University of Maryland. Application forms and further information may be obtained from Dr. James M. Austin, Director of the Summer Session, Room 7–103, Massachusetts Institute of Technology, Cambridge 39, Mass.

As a result of the many requests for summer employment information, the American Institute of Physics has again compiled a list of organizations which have indicated that they will welcome inquiries from college physics students and high school science teachers regarding employment during the summer of 1957. Further information may be obtained by writing to the Placement Service, American Institute of Physics, 57 East 55th Street, New York 22, N. Y.

Research Facilities

Brookhaven National Laboratory has announced the formation of an Applied Mathematics Division headed by Milton E. Rose, formerly with the Office of Naval Research. Construction has begun at Brookhaven on a high-speed digital computer, which will be the main tool of the Division. The computer, patterned after the Maniac II recently developed at Los Alamos Scientific Laboratory, will be used in solving problems encountered in basic research and for such special purposes as calculations necessary in the design of the 25-Bev accelerator currently under construction at Brookhaven.

The National Science Foundation has awarded grants totaling $365 500 to ten major educational institutions in support of computation centers and research in numerical analysis. The funds will be variously used to establish the nucleus for a computing center where none exists, to extend existing centers, and to pay rental for computing time. In some instances part of the funds are to be used for salaries of research assistants. The grants are part of an NSF program designed to strengthen basic research in a number of fields by making it possible for research investigators to use computing facilities. Only a few large computing centers are now available for basic research problems, and in most cases on a part-time basis only. Computer time at most existing centers is given almost entirely to industrial or

defense-related problems, and the general-purpose university computing laboratories have not had access to sources of support for basic research. The Foundation program is intended to help establish or strengthen such general-purpose research laboratories. Foundation support for various aspects of computer research and training has been worked out with the advice and assistance of an Advisory Panel for University Computing Facilities headed by Atomic Energy Commissioner John von Neumann. The following institutions have received grants: California Institute of Technology ($38 000), Cornell University ($50 000), Massachusetts Institute of Technology ($30 000), Oregon State College ($20 000), Princeton University ($40 000), Stanford University ($20 000), University of California at Berkeley ($50 000), University of Pennsylvania ($70 000), University of Washington ($17 500), and University of Wisconsin ($30 000).

Edwin P. Adams, emeritus professor and former chairman of the Physics Department at Princeton University, died on December 31 at the age of 78. Prof. Adams graduated from Beloit College in 1899 and received his PhD in physics from Harvard University in 1904. As a Tyndall fellow from Harvard he studied physics at Cambridge, Berlin, and Göttingen Universities. He began teaching at Princeton in 1903 and attained a professorship three years later, retiring as professor emeritus in 1943. In 1922 he translated the original text of Einstein's "The Meaning of Relativity" from German into English. Prof. Adams was a fellow of the American Physical Society.

Erwin F. Lowry, manager of the Research Engineering Laboratories of the Lighting Division of Sylvania Electric Products Inc., at Salem, Mass., died suddenly at his home in Danvers, Mass. on January 2. His age was 65. A native of Ridgeway, Mich., Dr. Lowry received his AB and AM degrees from Ohio Wesleyan University and his PhD from Ohio State University in 1923. Dr. Lowry joined Sylvania in 1940 and became manager of the Research Laboratories in 1949. He initiated and directed the research which led to the development of the electroluminescent lamp as a practical device. More recently he led the Sylvania team that developed the VHO (very high output) fluorescent lamp. Dr. Lowry was a member of the American Physical Society.

Horace S. Uhler, emeritus professor of physics at Yale University, died on December 6 at the age of 84. Prof. Uhler, a native of Baltimore, graduated and received his doctorate in physics from The Johns Hopkins University. He joined the Physics Department at Yale in 1906 where he served until his retirement thirty-five years later. Prof. Uhler was an associate editor of the *Physical Review* from 1919 to 1921. He was a fellow of the American Physical Society and a member of the Optical Society of America.