and means of preventing any such incident in the future." It goes on to state that "Since according to information emanating from the faculty appropriate remedial steps are being taken at the University of Washington, the members of the Society who took the original action of boycott feel it their duty now to declare themselves in favor of resuming normal relations with the University of Washington." It concludes: "Finally, may we point out that the Oppenheimer incident at the University of Washington is not an isolated one. There have been other less publicized instances at other institutions and undoubtedly there will be more in the future. At a time when attacks on the principle of academic freedom are coming from many quarters we wish to reaffirm our determination to oppose with resolution any weakening or infringement of the right of free inquiry and exchange of information."

Publications

Proceedings of the International Conference of Theoretical Physics, held in September 1953 in Kyoto and Tokyo, Japan, have been published by the Conference Organizing Committee of the Science Council of Japan. The 970-page *Proceedings* record the lectures and discussions of the main sessions and some of the informal meetings of the conference. Subject categories covered include field theory and elementary particles, nuclear physics, statistical mechanics, molecules and solids, and liquid helium and superconductivity. The conference was attended by nearly 600 Japanese participants and by 55 physicists from the United States and twelve other countries. The publication is available for $10 (surface mail postage $1 extra) from Kinokuniya Book Store Co., Ltd., 826 Tsunohazu 1-chome, Shinjuku-ku, Tokyo, Japan, or from Maruzen Co., Ltd., 6 Tori-Nichome, Nihonbashi, Tokyo, Japan.

Publication of the 1955 *Optical Industry Directory* has been announced. Its contents, 260 pages, cover world-wide manufacturers, distributors, designers, and repairers of optical instruments. Over two thousand suppliers of "everything optical from raw glass, optical working materials and machinery, to the most complicated, complete optical instruments" are listed according to geographic area. Subscriptions ($5) to the *Directory* should be addressed to the Optical Publishing Company, Box 542, Huntington, Long Island, New York.

The Indian Institution of Telecommunication Engineers, a professional group organized in New Delhi in November 1953, reports that it is inaugurating a new quarterly journal and that the first issue will be available shortly. The Institution's membership is drawn from various government-operated communications agencies, the three Indian defense services, the research institutes, and industry. During the first year the number of members has increased rapidly, now totalling more than one thousand. Further particulars can be had from The Honorary Secretary, The Insti-

tution of Telecommunication Engineers, Post Box 481, New Delhi, India.

Summer Programs

The Polytechnic Institute of Brooklyn has announced its twelfth annual series of summer lecture and laboratory courses "for advanced instruction in the use of specialized physical tools in chemistry and physics". Three courses are being offered: progress in polymerization and copolymerization techniques (June 6–10); properties of macromolecules in solution, including polyelectrolytes and other water-soluble polymers (June 13–17); and industrial applications of x-ray diffraction (June 6–17). General evening lectures, designed as a part of the first two courses, are an addition to the program and scientists may attend these alone. Address all inquiries and application for registration to Mrs. Doris Cattell, Secretary, Summer Laboratory Courses, Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 1, New York.

The University of Michigan's department of chemical engineering is giving a course on properties and structures of high polymers in solution during the week of July 18–23. The course will be in the hands of F. Bueche (University of Wyoming), L. H. Cragg (McMaster University), L. M. Hobbs and S. Krimm (University of Michigan), and R. Simha (New York University). Registration (limit, 50 persons) will be accepted until May 18 and should be directed to L. M. Hobbs, Department of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Michigan.

A special program for secondary-school science teachers is being offered this summer at Harvard, with courses on recent developments in physical science and classroom use of recent developments in physical science. There will also be a course on science in the elementary school for teachers and supervisors at that level. These courses last from July 5 to August 17 and each carries four units of graduate credit. A number of fellowships, some including travel and living expenses, are available. Further information may be obtained from the Harvard Summer School, 2–N Weld Hall, Cambridge 38, Massachusetts.

A clinic on the techniques and practice of infrared spectroscopy is being offered at the Polytechnic Institute of Brooklyn during the week of August 15–19. The course will be designed to meet the needs of people in industry who use or plan to use infrared in problems of analysis and control and will consist of lecture and laboratory sessions. Attendance is limited to twenty; the fee is $125. Further information may be obtained by writing to Dr. Robert Bauman, Polytechnic Institute of Brooklyn, 85 Livingston St., Brooklyn 1, New York.

Boston College has announced a special two-week intensive course in modern industrial spectroscopy at Chestnut Hill, Boston, from July 11th to July 22nd. The course is particularly designed for chemists and physicists from industry who desire to learn the techniques of emission spectroscopy as an analytical tool. An optional third week of laboratory practice will be made available to those who desire it. Information on the course may be obtained from Professor James J. Devlin, S.J., Physics Department, Boston College, Chestnut Hill 67, Massachusetts.

A two-week technical report writing workshop is being offered by The Pennsylvania State University's College of Engineering and Architecture from August 1st to 12th. "Increased scientific specialization", a Penn State announcement of the course observes, "has magnified the importance of technical reports as the end product of practically all research and development organizations". The course, under the direction of Dwight E. Gray, chief of the technical information division of The Library of Congress, is intended to "enable engineers and scientists to gain the practical instruction and supervised practice necessary to produce effective technical reports of various kinds". For further details write to General Extension, The Pennsylvania State University, University Park, Pa.

Grants

National Science Foundation fellowships in the natural sciences have been awarded for the 1955–56 academic year to 715 predoctoral and 70 postdoctoral candidates. Of the predoctoral fellowships, 255 were awarded to first year graduate students, 291 to graduates in the intermediate years, and 169 to terminal-year predoctoral students. The fellows were selected from 2931 applicants. 151 of the predoctoral and 15 of the postdoctoral fellowships were awarded in physics. Stipends range from $1400 to $1800 for predoctoral fellows and postdoctoral fellows receive $3400; all fellowships include additional allowances for dependents, tuition, etc. An announment of the NSF fellowship program for the next academic year will be made in October, at which time application forms will be made available.

Research Corporation has awarded a $6765 Frederick Gardner Cottrell grant to Union College, Schenectady, New York, to be applied to a cosmic-ray project which the College began in 1951. The project is under the joint direction of Alfred T. Goble, Curtis L. Hemenway, and Vladimir Rojansky; senior physics students participate in the construction of equipment and compilation of data.

Edwin E. Hahn, Jr., research physicist at RCA Laboratories in Princeton, New Jersey, died on February 23rd at the age of thirty-two. He received his BA and PhD degrees at the University of Pennsylvania. In 1949, Dr. Hahn joined RCA Laboratories to carry on research in the fields of solid-state physics, photoconductivity, and cryogenics. Just prior to his death he was instrumental in organizing the Atlantic City Conference on Photoconductivity and was joint editor of