

theoretical and applied mechanics in the United States, to represent the United States in the International Union of Theoretical and Applied Mechanics, and to carry on such activities as are necessary as an agency of the International Union.

Officers of the committee are Hugh L. Dryden, chairman, and C. E. Davies, secretary-treasurer, both of the ASME, while the following represent member societies: H. W. Emmons, ASME; R. D. Mindlin, SESA; M. G. Salvadori, ASCE; T. B. Drew, AIChE; R. J. Seeger, APS; N. J. Hoff, IAS; and E. Reisner, AMS. Theodor von Karman, S. Timoshenko, J. C. Hunsaker, and R. von Mises are members at large.

The U. S. Committee grew out of American participation in the Seventh International Congress on Theoretical and Applied Mechanics held in London, April, 1948. The need for some coordination of widespread activity in the field of mechanics in the United States prompted the Applied Mechanics Division of the ASME to suggest a permanent organization of various national bodies interested in mechanics to sponsor United States participation in international congresses and symposia. Consequently a charter was drafted and presented before an organizational meeting of the U. S. Committee during the 1948 Annual Meeting of the ASME. Delegates approved a proposed charter for submission to their respective societies. One of the first actions of the Committee at its meeting of May 23, 1949 was to apply for admission to the International Union.

Future plans call for American representation at a collegium on geophysics in 1950, and at a meeting of the IUTAM in Rome. Plans are already under way for an international congress for theoretical and applied mechanics to be held in the United States during 1951.

TELEVISION JOINS THE FAMILY

The name of the Society of Motion Picture Engineers has officially been changed to the Society of Motion Picture and Television Engineers, according to an announcement by Earl I. Sponable, president of the society.

ESTABLISHED

NEW TECHNICAL PHOTOGRAPHY JOURNAL

Published by the Photographic Society of America and edited by Paul Arnold, a new journal called *Photographic Science and Technique* will be devoted to the uses of photography for scientific and industrial research and to the new methods and equipment used in photographic technique.

This new technical supplement to the Society's official monthly, *PSA Journal*, is the first publication of a national society to present papers and articles specifically on the technical aspects of photography as a science.

NBS EXPANDS

NEW RADIO LAB AT BOULDER

A site in Colorado directly south of the town of Boulder has been selected by the National Bureau of Standards for the construction of a new radio division laboratory. It is expected that the new laboratory facilities will en-

able the Bureau's radio propagation research to be considerably extended. The radio division, which is the central Federal group for coordinating such research and for defining primary standards of high frequency electric quantities, is concerned generally with the technology of long-distance radio communication.

Several factors entered into the selection of the site. For one thing, it was necessary to avoid regions congested by electrical and radio facilities. It was, however, desirable to locate any such major laboratory within some reasonable distance of a large city to satisfy equipment and service needs, and since Denver is only twenty or so miles to the south, this requirement was met. It was also felt important that the laboratory be near a major university which might provide a source for new personnel and an opportunity for graduate training of junior staff members. The new site is located close to the campus of the University of Colorado. Technical factors calling for moderate climate and diverse terrain were also satisfied by the Colorado site.

Construction of the laboratory is expected to begin sometime next year, and present plans call for a research staff of about 300 persons, most of whom will be transferred from the Bureau's Washington staff.

CONFERENCES COMING

ON TELEMETERING

An invitation has been extended to members of the American Institute of Physics to participate, either by giving papers or by lending other support, in the technical conference on telemetering to be held in Philadelphia during three days of the week beginning May 22. The conference is being jointly sponsored by the American Institute of Electrical Engineers and the National Telemetering Forum and will deal with all phases of all types of telemetering. Hope has been expressed that a large sum of representative opinion may emerge for wide circulation and the forwarding of the art. Those interested in further information should address inquiries to W. J. Mayo-Wells, the conference chairman, at the Applied Physics Laboratory of the Johns Hopkins University, Silver Spring, Maryland.

ON WAVE PROPAGATION

A symposium on the theory of electromagnetic wave propagation is to be held in New York City from June 6-8 under the sponsorship of New York University's department of mathematics and the Geophysical Research Directorate of the Air Force's Cambridge research laboratories. The aim of the symposium is to provide for an exchange of views of those engaged in current research in electromagnetic theory, basic applications to propagation, diffraction, etc. Among those expected to speak at the symposium are H. G. Booker of Cornell, H. Bremmer of Philips Research Laboratories in Eindhoven, Holland, K. O. Friedrichs and Bernhard Haurwitz of NYU, R. E. Langer of the University of Wisconsin, Harold Levine of Harvard, Wilhelm Magnus of Caltech, and Nathan Marcuvitz of Brooklyn Polytechnic Institute. Further in-

formation may be obtained by writing to Dr. Morris Kline, Rm. 514, 45 Astor Place, New York 3, N. Y.

COLLOQUIUM OF COLLEGE PHYSICISTS

Announcement has been received of the annual meeting of the Colloquium of College Physicists, to be held at the State University of Iowa, Iowa City from June 14 to 17. The occasion will be featured by research lectures by H. C. Urey, Katherine B. Blodgett, John Spence, R. L. Sinsheimer, and round table discussions led by Andrew Longacre and Duane Roller. An addition to the program for this year will be a series of four lectures by Edward Teller. Requests for final programs should be made to G. L. Stewart of the University's department of physics.

FELLOWSHIP OFFERED

BRYN MAWR

Bryn Mawr College, Bryn Mawr, Pa., has announced that the Helen Schaeffer Huff Memorial Research Fellowship in Chemistry or Physics is available for 1950-51. Candidates must be women who hold a doctor's degree or who have otherwise demonstrated their ability for research. Preference will be given to a candidate whose research field lies along the borderline between chemistry and physics. The stipend is \$2000. Announcement is also made of the Lillia Babbitt Hyde Foundation Scholarship applications for a first year of graduate work in biology, chemistry, or physics, at a stipend of \$1000. Further information and application blanks may be secured from the dean of the graduate school.

HONORS AND AWARDS

METALS MEDAL

The 1949 Medal for the Advancement of Research of the American Society for Metals has been presented to Fred E. Haggerson, president of the Union Carbide and Carbon Corporation, New York.

JOHN H. POTTS AWARD AND MEDAL

The first John H. Potts Memorial Award and Medal of the Audio Engineering Society was received by Harry F. Olson, director of the Acoustical Laboratory of the RCA Laboratories, Princeton, N. J. Dr. Olson was given the award and medal for "outstanding accomplishments in the field of audio engineering."

LIT FELLOWSHIPS GRANTED

The Acoustics Laboratory of the Massachusetts Institute of Technology has announced that two fellowship grants in architectural acoustics have been awarded for the academic year 1949-1950. Jordan J. Baruch of Brooklyn has received the Armstrong Cork Company Fellowship while the Acoustical Materials Association Fellowship has gone to Uno Ingard of Gothenburg, Sweden.

MASCART MEDAL

Irving Langmuir, recently retired associate director of the General Electric Research Laboratory, has become the second American scientist to receive the Mascart Medal, awarded triennially by the French electrical engi-

neering society, the Société Française des Electriciens, to a scholar or engineer in any country "who is distinguished by an ensemble of works on pure or applied electricity." In 1936, the Medal was presented to A. E. Kennelly of Harvard.

ALASKAN GEOPHYSICAL INSTITUTE HONORS TUVE

Merle A. Tuve, director of the department of terrestrial magnetism, Carnegie Institution of Washington, has been elected an honorary fellow of the Geophysical Institute, University of Alaska. Dr. Tuve's work in the field of electromagnetic wave propagation, his studies in nuclear physics, and his more recent contributions in the field of compressional wave propagation are particularly cited as major contributions to the field of knowledge in geophysics.

MAX BEREK

Max Berek, who died on October 15, 1949 in Frieberg, Germany at the age of 63, had for thirty-seven years been associated with the Leitz Works where, at the time of his death, he was director of the department of science. The University of Marburg, in recognition of his special achievements in the field of optics, appointed him professor in 1925, from which post he was later dismissed by the Nazis. After the war, the dismissal was revoked by the University. Professor Berek was one of the founders of the German Society for Applied Optics and was a member of the board of editors of the Zeitschrift für Instrumentenkunde.

JOSEPH RAZEK

Joseph Razek, consulting physicist of Philadelphia, died February 21 in Bryn Mawr Hospital at the age of 50. Dr. Razek, a graduate of Washington University in St. Louis, received his PhD from the University of Pennsylvania and was connected with Penn's physics department from 1924 until 1940. He served as a technical advisor for a number of industrial concerns and was associated both with the OSRD and the Navy as a physicist. A specialist in the fields of color analysis and spectrophotometry, he was the owner of a research and development laboratory that was awarded a Navy E award for its contributions to the war effort.

JOHN DANIEL

John Daniel, emeritus professor of physics at Vanderbilt University, died March 2 in Nashville, Tennessee after a brief illness. He was 87 years old at the time of his death. Professor Daniel retired as head of the Vanderbilt department of physics in 1939, a post he had held for 46 years. He is credited with having discovered the depilatory and burning effects of x-rays (reported in Science, May 1896), upon which has been based much of the later development of x-ray therapy. Professor Daniel was a charter member of the Tennessee Academy of Science, a member of the American Physical Society, and a fellow of the American Association for the Advancement of Science.