



CALENDAR

of EVENTS

January 10-12	Conference on High Frequency Measurements (sponsored by the American Institute of Electrical Engineers, the Institute of Radio Engineers, and the National Bureau of Standards), Washington, D. C.
January 10-14	American Society of Mechanical Engineers (Materials handling show and conference), Philadelphia, Pennsylvania
January 10-14	Society of Automotive Engineers (Annual Meeting and Engineering Display), Detroit, Michigan
January 12-14	American Society of Photogrammetry (Annual Meeting), Washington, D. C.
January 19-21	American Society of Civil Engineers, New York City
January 24-27	American Society of Heating and Ventilating Engineers, Chicago, Illinois
January 27-29	Joint meeting, American Physical Society (Annual Meeting) and American Association of Physics Teachers, New York City
January 31 -February 4	American Institute of Electrical Engineers (Winter Meeting), New York City
February 3-5	American Physical Society, Berkeley, California
February 13-17	American Institute of Mining and Metallurgical Engineers (Annual Meeting), San Francisco, California
February 26	American Mathematical Society, New York City and Chicago, Illinois
February 28 -March 4	American Society for Testing Materials (Spring Meeting), Chicago, Illinois
March 6-10	American Institute of Chemical Engineers (Regional), Los Angeles, California
March 8-10	Society of Automotive Engineers (Body and Car Production), Detroit, Michigan
March 9	Inter-Society Color Council, New York City
March 10-12	Optical Society of America (Winter Meeting), New York City
March 10-12	Division of Solid State Physics of the American Physical Society (Annual Meeting), Cleveland, Ohio
March 14-17	American Association of Petroleum Geologists (Annual Meeting), St. Louis, Missouri
March 27-31	American Chemical Society (Semiannual Meeting), San Francisco, California
March 28-30	Society of Automotive Engineers, Cleveland, Ohio
April 1-2	American Mathematical Society, Durham, North Carolina
April 4-8	Society of Motion Picture Engineers, New York City
April 11-13	Society of Automotive Engineers (Aeronautics and Air Transportation), New York City
April 11-15	American Society for Metals, Los Angeles, California
April 16-17	American Physical Society (Southeastern Section), Clemson, South Carolina
April 19-21	American Institute of Electrical Engineers (Southwestern District), Dallas, Texas
April 19-22	American Society of Biological Chemists (Annual Meeting), Detroit, Michigan
April 20-22	American Geophysical Union, Washington, D. C.
April 20-23	American Society of Civil Engineers, Oklahoma City, Oklahoma
April 21-23	American Philosophical Society, Philadelphia, Pennsylvania
April 24-28	American Ceramic Society, Cincinnati, Ohio
April 25-27	Radio Manufacturers Association and Institute of Radio Engineers (Annual Meeting, jointly sponsored), Philadelphia, Pennsylvania
April 25-27	National Academy of Sciences, Washington, D. C.
April 28-30	American Physical Society, Washington, D. C.
April 29-30	American Mathematical Society, Philadelphia, Pennsylvania, and Lawrence, Kansas
April 30	American Mathematical Society, Stanford University, California

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National Military Establishment, merging two former RDB units, the Committee on Geophysical Sciences and the Committee on Geographical Exploration. The new group, which will study problems within the scope of the earth sciences, is headed by W. E. Wrather, director of the Department of the Interior's Geological Survey. Serving with him on the committee are Samuel B. Morris, Horace Byers, P. E. James, Richard Joel Russell, and H. E. Landsberg, executive director. Alternates to members are W. W. Rubey, Athelstan Spilhaus, Stephen B. Jones, and Lester E. Klimm. The committee will also include representatives of the three military services.

Doubleheader

The Naval Research Laboratory is inviting the participation of promising graduate students in its research accrediting program in the physical sciences. Students who qualify under the plan may conduct basic research at the laboratory leading to advanced degrees at cooperating institutions or at universities in the vicinity of Washington. Candidates, who must be U. S. citizens, may apply for admission through the institution at which they are registered. Appointments are governed by civil service regulations.

Reserve Commissions

U. S. Army Reserve commissions from second lieutenant to colonel are available to qualified physicists up to 55 years of age. Full details of the commissioning program are provided in Army Circular No. 210, which may be obtained, together with application forms, from local Reserve Unit or Army Headquarters, or from the Adjutant General, Department of the Army, Washington, D. C.

New Building

Successful operation of a seventy-five-Mev betatron has just been announced by Donald W. Kerst. The instrument is an exact scale model of the three-hundred-Mev betatron being built at the University of Illinois.

The University of Pennsylvania, in a ceremony held December 6, formally opened its new laboratory equipped with a twenty-two-Mev betatron. Among the speakers were the University's president, Harold E. Stassen, Donald W. Kerst, inventor of the betatron, Rear Admiral T. A. Solberg, Chief of Naval Research, and Gaylord P. Harnwell. Professor Harnwell, as head of the physics department, directs the nuclear research program carried on there in cooperation with the Office of Naval Research.

The New York Academy of Sciences has started a campaign to raise a million dollars in order to build a permanent Academy building and science center in New York City and to expand its program into the fields of astrophysics, mathematics, experimental medicine, and public health. The Academy, founded 131 years ago, has increased its membership from 324 to 4000 in the past eleven years.

Laboratory buildings for nuclear science and engineering metals processing, biology and food technology, hy-