# Scientific Meetings

# Asian Science

The importance of the Bandung Conference has recently been stressed by newspapers and analysts. Perhaps because of earlier underemphasis, it is not generally known that the conference adopted a resolution on development of science and technology in the participating countries. A full account by Narendra Singh, secretary of the Association of Scientific Workers of India, was published in the Bulletin of the World Federation of Scientific Workers (September 1955) under the title "First steps to scientific collaboration in Asia."

A science commission of the participating countries was organized prior to the Bandung Conference at the suggestion of the Indian ASW. Its meetings in New Delhi on 7–8 April 1955 were attended by representatives from Ceylon, the People's Republic of China, Japan, North Korea, Lebanon, Mongolia, Syria, U.S.S.R., and North Viet Nam, as well as the host nation, India.

The session on the first agenda item exchange of scientific knowledge and personnel among Asian countries—was chaired by E. Zhukov (U.S.S.R. Academy of Sciences). The main report, given by S. S. Sokhey (president, ASW of India), called for (i) exchange of students and teachers, (ii) study tours, and (iii) exchange of research personnel among the Asian countries.

The second session, devoted to peaceful applications of atomic energy, was presided over by G. Tominaga (Tokyo). The main report, by E. Zhukov, dealt with the construction of the first plants for atomic power production. All the papers stressed that "the existing system of secrecy" was "the chief obstacle to the development of the peaceful applications of atomic energy."

The third session, Ting Hsi Lin (People's Republic of China) presiding, discussed "The destructive effects of atomic and thermonuclear explosions and of their banning." The main report, by H. Kumabe, gave Japanese data on the devastation and harmful effects of atomic and thermonuclear weapons.

A drafting committee consisting of three Indian members (S. S. Sokhey, R. Ahmed, and N. Singh) and one each from the People's Republic of China (Ting Hsi Lin), Japan (G. Tominaga), and the U.S.S.R. (Zhukov) formulated a resolution that was subsequently presented by Sokhey at the Bandung Conference, where it was unanimously adopted.

The conference established a Scientific Liaison Committee for collaboration and mutual help; it is to collect and distribute information on scientific work in the various countries and to arrange exchanges of scientific workers. It further resolved to create among the Asian countries an agency for promoting cooperation and coordination "to take the fullest benefit of atomic energy developments, while extending scientific and economic freedom." The conference recognized that "free exchange of knowledge about the subject" is "a factor of utmost importance in the development of atomic energy' and that "secrecy can be removed only if a climate of greater mutual confidence is brought about by the banning of atomic and thermonuclear weapons." Accordingly, it put forth the "demand that atomic, thermonuclear, and other weapons of mass destruction should be banned . . . the stocks of these weapons should be dismantled and the nuclear material should be utilized for peaceful developments." The conference also appealed "to the Governments concerned to stop immediately experimental explosions."

-H. GRUNDFEST, President, American Association of Scientific Workers Columbia University College of Physicians and Surgeons, New York

# Meeting Notes

■ Problems associated with the insurance of nuclear power plants will be given special attention at the 18th annual American Power Conference that is to take place at the Hotel Sherman, Chicago, 21–23 Mar. Insurance coverage will be discussed at a nuclear energy forum on 21 Mar. Other subjects to be covered at the nuclear forum, one of the 23 technical sessions on the program, will be the roles of Government and industry in atomic power development and research in nuclear power.

Clarence A. Davis, Under Secretary of the Interior, and R. S. Stevenson, president of the Allis-Chalmers Manufacturing Company, will speak at the opening general session, and John T. Rettaliata, president of Illinois Institute of Technology, will address the All Engineers dinner on 22 Mar. Luncheon speakers will include Harllee Branch, Jr., president of the Edison Electric Institute; Herbert D. Vogel, chairman of the board of the Tennessee Valley Authority; and John Jirgal, chairman of the group on power generation and distribution of the second Hoover Commission.

The meeting is sponsored by Illinois Institute of Technology in cooperation with 14 universities and nine national and regional technical societies. More than 3000 business and industrial executives, engineers, educators, and Government officials are expected to attend the conference, which is being directed by R. A. Budenholzer, professor of mechanical engineering at IIT.

■ The Tissue Culture Association will hold its seventh annual meeting 3-4 Apr. at the Marquette University Medical School. On the first day there will be a conference on "The biology of cell strains" at which invited papers will be presented under the chairmanship of Joseph Leighton with the assistance of cochairman John H. Hanks. On the second day, in joint session with the American Association of Anatomists, the time will be devoted to free papers from the membership that for the most part will continue the theme of the previous day.

Sixty or more geophysicists met in Washington from 1 to 3 Feb. at a conference on theoretical geophysics that was sponsored jointly by the National Science Foundation and the Carnegie Institution of Washington. The meeting was called to consider the current status of knowledge in theoretical geophysics in this country and abroad; to encourage and increase activity in theoretical geophysics; and to discuss future programs and operations.

The chairman of the conference was John von Neumann of the Institute of Advanced Study, Princeton, N.J., and a member of the Atomic Energy Commission. The vice-chairman was E. H. Vestine, department of terrestrial magnetism, Carnegie Institution of Washington.

### Society Elections

American Society of Parasitologists: pres., Eloise B. Cram, National Institutes of Health, Bethesda, Md.; pres.-elect, Gilbert F. Otto, Abbott Laboratories, North Chicago, Ill.; v. pres., Aurel O. Foster, U.S. Department of Agriculture, Beltsville, Md.; sec. and exec. officer, Arthur C. Walton, Knox College; treas., Robert M. Stabler, Colorado College. Representatives to the AAAS Council are Raymond M. Cable and Richard P. Hall.

• Society of Systematic Zoology: pres., G. W. Wharton, Jr., University of Maryland; pres.-elect, R. C. Moore; sec., R. E. Blackwelder, 3728 2nd St., S., Arlington 4, Va.; treas., F. M. Hull. Blackwelder and W. L. Schmitt are the representatives to the AAAS Council.

• Econometric Society: pres., Kenneth Arrow, Stanford University; v. pres., Trygve Haavelmo, University of Oslo, Oslo, Norway; sec., Richard Ruggles, Yale University; treas., Alfred Cowles, Cowles Commission for Research in Economics, Chicago, Ill. Representative to the AAAS Council is Charles F. Roos.

• Academy Conference: pres., Rev. P. H. Yancey, Spring Hill College; pres.elect, Ralph W. Lefler, Purdue University; past pres., Leland H. Taylor, West Virginia University; sec.-treas., Thelma C. Heatwole, 1411 Churchville Ave., Staunton, Va.

American Society of Limnology and Oceanography: pres., Alfred C. Redfield; v. pres., Robert C. Ball; sec.-treas., Bostwick H. Ketchum, Woods Hole Oceanographic Institution, Woods Hole, Mass. Representative to the AAAS Council is Waldo Schmitt.

American Phytopathological Society: pres., Helen Hart, University of Minnesota; v. pres., Paul R. Miller, U.S. Department of Agriculture, Beltsville, Md.; sec., Glenn S. Pound, University of Wisconsin; treas., Saul Rich, Connecticut Agricultural Experiment Station. Representatives to the AAAS Council are J. G. Horsfall and Curtis May.

American Nature Study Society: pres., Malvina Trussell, 2011 Lee, Tallahassee, Fla.; v. pres., Richard Weaver, University of Michigan; sec., Helen B. Ross, State Teachers College, Fitchburg, Mass.; treas., Howard Weaver, University of Illinois. Representative to the AAAS Council is E. L. Palmer.

• Oklahoma Academy of Science: pres., A. M. Stebler, Oklahoma A. & M. College; v. pres. and sec.-treas., D. E. Howell, Oklahoma A. & M. College; asst. sec.-treas., Phillip Smith, University of Oklahoma; permanent secretary (acting), Ralph E. Olson, University of Oklahoma. American Society of Zoologists: pres., Viktor Hamburger; v. pres., Harold H. Plough; sec., Rudolph T. Kempton, Vassar College; treas., Theodore L. Jahn.

■ Institute of Mathematical Statistics: pres., David Blackwell, University of California, Berkeley; pres.-elect, Alexander M. Mood, Santa Monica, Calif.; sec., George E. Nicholson, Jr., University of North Carolina; treas., Albert H. Bowker, Stanford University. Representative to the AAAS Council is Harold Hotelling.

American Society of Human Genetics: pres., Sheldon C. Reed; pres.-elect, Curt Stern; v. pres., Madge T. Macklin; sec., Eldon J. Gardner, Utah State Agricultural College; treas., W. E. Heston.

#### **Forthcoming Events**

#### March

15-17. American Orthopsychiatric Assoc., 33rd annual, New York, N.Y. (M. F. Langer, AOA, 1790 Broadway, New York 19.)

15-17. American Physical Soc., Pittsburgh, Pa. (K. K. Darrow, APS, Columbia Univ., New York 27.)

15-17. Kappa Delta Pi, annual, Stillwater, Okla. (E. I. F. Williams, 238 E. Perry St., Tiffin, Ohio.) 16-18. International Assoc. for Dental

16-18. International Assoc. for Dental Research, St. Louis, Mo. (D. Y. Burrill, 129 E. Broadway, Louisville 2, Ky.)

17-18. National Soc. of Professional Engineers, annual spring, Washington, D.C. (K. E. Trombley, NSPE, 1121 15 St., NW, Washington 5.)

18-24. American Soc. of Photogrammetry, annual, joint meeting with American Cong. on Surveying and Mapping, Washington, D.C. (ACSM-ASP, Box 470, Washington 4.)

19-21. Div. of Fluid Dynamics, American Physical Soc., Pasadena, Calif. (F. N. Frenkiel, Applied Physics Laboratory, John Hopkins Univ., Silver Spring, Md.)

19-22. American Acad. of General Practice Scientific Assembly, 8th annual, Washington, D.C. (AAGP, Broadway at 34th, Kansas City 11, Mo.)

19-22. Inst. of Radio Engineers National Convention, New York. (E. K. Gammett, IRE, 1 E. 79 St., New York 21.)

19-23. American Soc. of Tool Engineers, Chicago, Ill. (H. C. Miller, Armour Research Foundation, 35 W. 33 St., Chicago 16.)

21-22. National Health Forum, New York, N.Y. (T. G. Klumpp, National Health Council, 1790 Broadway, New York 19.)

21-23. American Power Conf., 18th annual, Chicago, Ill. (R. A. Budenholzer, Illinois Institute of Technology, Chicago 16.)

21-24. American Astronomical Soc. Columbus, Ohio. (J. A. Hynek, McMillin Observatory, Ohio State Univ., Columbus.)

22-24. Michigan Acad. of Science, Arts and Letters, annual, Ann Arbor. (G. M. McEwen, 5 East Hall, Univ. of Michigan, Ann Arbor.)

23-24. Eastern Psychological Assoc., Atlantic City, N.J. (G. G. Lane, Univ. of Delaware, Newark.)

23-24. North Carolina Acad. of Science, annual, Chapel Hill. (J. A. Yarbrough, Meredith College, Raleigh.)

24-25. American Psychosomatic Soc., 13th annual, Boston, Mass. (T. Lidz, APS, 551 Madison Ave., New York 22.)

24-31. Perspectives in Marine Biology, La Jolla, Calif. (A. A. Buzzati-Traverso, Scripps Institution of Oceanography, La Jolla.)

25-28. American Assoc. of Dental Schools, annual, St. Louis, Mo. (M. W. McCrea, 42 S. Greene St., Baltimore 1, Md.)

25-29. American College Personnel Assoc., Washington, D.C. (Miss C. M. Northrup, Univ. of Denver, Denver, Colo.)

28-3. Colloquium on Frontiers in Physical Optics, Boston, Mass. (S. S. Ballard, Visibility Laboratory, Scripps Institution of Oceanography, San Diego 52, Calif.)

of Oceanography, San Diego 52, Calif.) 29-31. Alpha Epsilon Delta, 11th national convention, Jackson, Miss. (M. L. Moore, 7 Brookside Circle, Bronxville 8, N.Y.)

29-31. Pennsylvania Acad. of Science, Indiana. (K. Dearolf, Public Museum and Art Gallery, Reading, Pa.)

29-31. Southern Soc. for Philosophy and Psychology, Asheville, N.C. (J. E. Moore, Georgia Inst. of Technology, Atlanta.)

29-31. Symposium on Fundamental Cancer Research, 10th annual, Houston, Tex. (G. Taylor, Univ. of Texas Postgraduate School of Medicine, Houston 25.)

30-31. Alabama Acad. of Science, annual, Montevallo. (H. A. McCullough, Howard College, Birmingham, Ala.)

#### April

2-5. Assoc. of American Geographers, annual, Montreal, Canada. (B. W. Adkinson, Library of Congress, Washington 25.)

2-7. Symposium on Crystallography, Madrid, Spain. (M. Abbad, Serrano 118, Madrid.)

3. Microcirculatory Conf., 3rd, Milwaukee, Wis. (G. P. Fulton, Dept. of Biology, Boston Univ., 675 Commonwealth Ave., Boston 15, Mass.)

3-4. Tissue Culture Assoc., 7th annual, Milwaukee, Wis. (D. C. Hetherington, Duke Univ. School of Medicine, Durham, N.C.)

3-9. International Symposium on Macromolecular Chemistry, Rehovoth, Jerusalem, and Haifa, Israel. (A. Katchalsky, Weizmann Inst. of Science, Rehovoth.)

4-6. American Assoc. of Anatomists, annual, Milwaukee, Wis. (N. L. Hoerr, 2109 Adelbert Rd., Cleveland 6, Ohio.)

4-6. American Soc. of Lubrication Engineers, 11th annual, Pittsburgh, Pa. (Administrative Secretary, ASLE, 84 E. Randolph St., Chicago 1, Ill.)

4-7. International Cong. of Medical Radiography 2nd, Paris, France. (Secretariat, 66, Blvd. St. Michel, Paris 6.)

5-6. Conf. on Magnetic Amplifiers, Syracuse, N.Y. (C. A. Priest, 314 Hurlburt Rd., Syracuse 3.) 5-7. Optical Soc. of America, Philadelphia, Pa. (A. C. Hardy, Room 8-203, Massachusetts Inst. of Technology, Cambridge 39.)

6-7. American Assoc. of University Professors, St. Louis, Mo. (R. F. Fuchs, AAUP, 1785 Massachusetts Ave., NW, Washington 6.)

6-7. National Speleological Soc., Nashville, Tenn. (Mrs. L. Cutler, 2829 Buchanan St., Arlington 6, Va.)

6-8. American Assoc. of Physical Anthropologists, Chicago, Ill. (J. L. Angel, Daniel Baugh Inst. of Anatomy, Jefferson Medical College, Philadelphia 7, Pa.)

7-8. American Soc. of Hospital Pharmacists, Detroit, Mich. (Miss G. Niemeyer, 2215 Constitution Ave., NW, Washington 7.)

8. American College of Apothecaries, Detroit, Mich. (R. E. Abrams, Hamilton Court, Philadelphia 4, Pa.)

8-10. American Assoc. of Colleges of Pharmacy, Detroit, Mich. (R. A. Deno, College of Pharmacy, Univ. of Michigan, Ann Arbor.)

8-13. American Chemical Soc., Dallas, Tex. (A. H. Emery, ACS, 1155 16 St., NW, Washington 6.)

8-13. American Pharmaceutical Assoc., annual, Detroit, Mich. (R. P. Fischelis, APA, 2215 Constitution Ave., NW, Washington 7.)

8-13. Symposium on Problems of Automation, Milan, Italy. (Consiglio Nazionale

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9-12. International Anesthesia Research

10-11. Symposium for Management on

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C. Wornick, Agricultural Research Dept.,

Soc., 30th annual cong., Miami Beach,

Fla. (R. J. Whiteacre, 13951 Terrace Rd.,

Applications of Analog Computers, Kan-

sas City, Mo. (O. Fanning, Midwest Re-

search Inst., 425 Volker Blvd., Kansas

cago, Ill. (M. Freed, Dawes Products,

nual, New Orleans, La. (H. B. Boudreaux,

Dept. of Zoology, Louisiana State Univ.,

annual, Clemson, S.C. (H. W. Freeman,

Univ. of South Carolina, Columbia.)

4800 S. Richmond, Chicago 32.)

12. Assoc. of Vitamin Chemists, Chi-

13-14. Louisiana Acad. of Science, an-

14. South Carolina Acad. of Science,

15-16. American Soc. for Artificial In-

ternal Organs, Atlantic City, N.J. (P. F.

Salisbury, Cedars of Lebanon Hospital,

4751 Fountain Ave., Los Angeles 29,

and Experimental Therapeutics, Atlantic

City, N.J. (C. C. Pfeiffer, Emory Univ.

School of Medicine, Emory University,

15-21. American Inst. of Nutrition, At-

15-20. American Soc. for Pharmacology

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15-21. American Physiological Soc., Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14.)

15-21. American Soc. for Experimental Pathology, annual, Atlantic City, N.J. (C. C. Erickson, 858 Madison Ave., Memphis, Tenn.)

15-21. Federation of American Societies for Experimental Biology, Atlantic City, N.J. (M. O. Lee, 9650 Wisconsin Ave., NW, Washington 14.)

16-18. Aero Medical Assoc., 27th annual, Chicago, Ill. (J. P. Marbarger, Aeromedical and Physical Environment Lab., Univ. of Illinois, Chicago.)

16-19. Conf. on Communication of Information by Workers Studying Sounds of Biological Significance, University Park, Pa. (H. Frings, Dept. of Zoology and Entomology, Pennsylvania State Univ., University Park.)

16-20. American Assoc. of Immunologists, Atlantic City, N.J. (F. S. Cheever, Graduate School of Public Health, Univ. of Pittsburgh, Pittsburgh 13, Pa.)

16-20. American Soc. of Biological Chemists, Atlantic City, N.J. (P. Handler, Dept. of Biochemistry, Duke Univ., Durham, N.C.)

17-19. Atomic Energy and Its Implications for Southern Industry, Atlanta, Ga. and Oak Ridge, Tenn. (O. H. Townsend, Atomic Industrial Forum, Inc., 260 Madison Ave., New York, N.Y.)

18-19. National Industrial Research Conf., Chicago, Ill. (J. J. Kowal, Armour Research Foundation, Illinois Inst. of Technology, 10 W. 35 St., Chicago, 16.)

18-20. American College of Allergists, 12th annual, New York, N.Y. (F. W. Wittich, 401 La Salle Bldg., Minneapolis 2, Minn.)

18-20. Conf. on Marine Corrosion and Fouling Problems, La Jolla, Calif. (Univ. of California Engineering Extension, Los Angeles 24.)

19-21. Assoc. of Southeastern Biologists, Durham, N.C. (J. C. Dickinson, Univ. of Florida, Gainesville.)

19-21. Ohio Acad. of Science, 65th annual, Springfield. (R. W. Dexter, Kent State Univ., Kent, Ohio.)

20-21. Arkansas Acad. of Science, annual, Arkadelphia. (L. F. Bailey, Dept. of Botany and Bacteriology, Univ. of Arkansas, Fayetteville.)

20-21. Biometric Soc., Eastern North American Region, Princeton, N.J. (A. M. Dutton, Univ. of Rochester, Box 287, Station 3, Rochester 20, N.Y.)

20-21. Iowa Acad. of Science, Grinnell. (J. L. Laffoon, Iowa State College, Ames.)

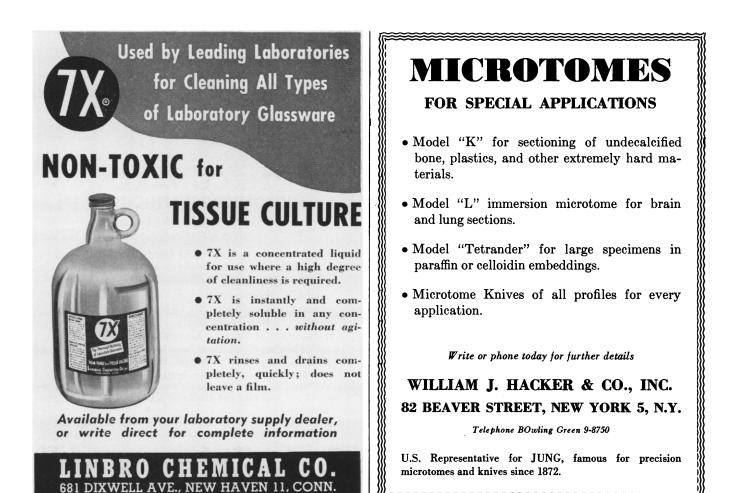
20-21. Nebraska Acad. of Science, 66th annual, Lincoln. (M. Beckmann, Univ. of Nebraska, Lincoln.)

21-23. West Virginia Acad. of Science, annual, Institute, W. Va. (M. Ward, Glenville State College, Glenville, W. Va.)

22-26. American Ceramic Soc., 58th annual, New York, N.Y. (C. S. Pearce, 4055 N. High St., Columbus 14, Ohio.)

23-25. American Oil Chemists' Soc., 47th annual spring, Houston, Tex. (W. Argue, Anderson Clayton Co., Houston.)

Argue, Anderson Clayton Co., Houston.) 23–25. National Acad. of Sciences, an-



nual. Washington, D.C. (NAS, 2101 Constitution Ave., Washington 25.)

23-26. American Assoc. of Petroleum Geologists, annual, Chicago, Ill. (R. H. Dott, Box 979, Tulsa, Okla.)

23-26. International Acad. of Proctology, 8th annual teaching seminar, Chicago, Ill. (IAP, 147-41 Sanford Ave., Flushing, N.Y.)

24-25. International Acad. of Pathology, 45th annual, Cincinnati, Ohio. (F. K. Mostofi. Armed Forces Inst. of Pathology, Washington 25.)

24–27. American Industrial Hygiene Assoc., annual, Philadelphia, Pa. (G. D. Clayton, 14125 Prevost, Detroit 27, Mich.)

25-27. Symposium on Nonlinear Circuit Analysis, II, 6th international, New York, N.Y. (Polytechnic Inst. of Brooklyn, Microwave Research Inst., 55 Johnson St., Brooklyn 1, N.Y.)

26-28. American Assoc. of Pathologists and Bacteriologists, Cincinnati, Ohio. (E. A. Gall, Cincinnati General Hospital, Cincinnati 2.)

26-28. American Physical Soc., Washington, D.C. (K. K. Darrow, APS, Columbia Univ., New York 27.)

26-28. British Columbia Acad. of Science, Vancouver, B.C., Canada. (W. J. Polglase, Dept. of Biochemistry, Univ. of British Columbia, Vancouver 8.)

26-28. Hawaiian Acad. of Science, 31st annual, Honolulu, T.H. (D. C. Cox, 1527 Keeaumoku St., Honolulu 14.)

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26-28. Kansas Acad. of Science, annual, Winfield. (C. T. Rogerson, Dept. of Botany, Kansas State College, Manhattan.)

26-29. American Psychoanalytic Assoc., Chicago, Ill. (J. N. McVeigh, 36 W. 44 St., New York 36.)

26-29. Wilson Ornithological Soc., Buffalo, N.Y. (P. B. Street, Rt. 1, Chester Springs, Pa.)

27-28. Biometric Soc., ENAR, Chicago, Ill. (A. M. Dutton, Univ. of Rochester, Box 287, Station 3, Rochester 20, N.Y.)

27-28. Colorado-Wyoming Acad. of Science, annual, Golden, Colo. (O. W. Olsen, Colorado A & M College, Fort Collins.)

27-28. Mississippi Acad. of Sciences, Inc., Jackson. (C. Q. Sheely, Box 574, State College, Miss.)

28-5. International Conf. on Health Education, 3rd, Rome, Italy. (L. Viborel, International Union for Health Education of the Public, 92, rue Saint Denis, Paris, 1<sup>er</sup>, France.) 29-3. Semiconductor Symposium of

29-3. Semiconductor Symposium of Electrochemical Soc., 4th annual, San Francisco, Calif. (J. W. Faust, Jr., Westinghouse Research Laboratories, Beulah Rd., Pittsburgh 35, Pa.)

29-3. Southwestern and Rocky Mountain Div., AAAS, annual, Las Cruces, N.M. (F. E. E. Germann, Dept. of Chemistry, Univ. of Colorado, Boulder.)

29-4. Soc. of American Bacteriologists, annual, Houston, Tex. (J. H. Bailey, Sterling-Winthrop Research Inst., Rensselaer, N.Y.)

29-4. Soc. of Motion Picture and Television Engineers, 79th, New York, N.Y. (SMPTE, 55 W. 42 St., New York 36.)

30-2. American Geophysical Union, annual, Washington, D.C. (W. E. Smith, AGU, 1530 P St., NW, Washington 5.)

30-3. International Scientific Radio Union, spring meeting, Washington, D.C. (J. P. Hagen, 2101 Constitution Ave., NW, Washington 25.)

30-4. American Meteorological Soc., Washington, D.C. (K. C. Spengler, 3 Joy St., Boston 8, Mass.)

30-4. American Psychiatric Assoc., annual, Chicago, Ill. (D. Blain, APA, 1785 Massachusetts Ave., NW, Washington 6.)

### May

1-3. Electronic Components Symposium, 7th annual, Washington, D.C. (A. W. Rogers, U.S. Army Signal Corps, Fort Monmouth, N.J.)

3-5. Illinois State Acad. of Science, annual, Springfield, Ill. (L. E. Bamber, 223 Natural History, Univ. of Illinois, Urbana.)

3-5. Midwestern Psychological Assoc., annual, St. Louis, Mo. (D. W. Fiske, Dept. of Psychology, Univ. of Chicago, Chicago 37, Ill.)

3-5. Soc. for American Archaeology, annual, Lincoln, Nebr. (A. C. Spaulding, Museum of Anthropology, Univ. of Michigan, Ann Arbor.)