cerce; F. Grassi, Somor Company; and G. Parravano, the James Forrestal Research Center, Princeton University.

Japan: S. Goto, Goto Optical Mfg. Company; Taro Hisada, Government Industrial Research Institute; Hirotoshi Lamejimas, Yuji Morimura, and Hiroshi Tamiya of the Tokugawa Institute for Biological Research; Fusaco Mizoshiri, Mizoshiri Optical Industry Company; Tsuneo Momota, Electrotechnical Laboratory; Eliji Munekata, Noguchi Institute; I. Tanashita, Keio University; Issei Yamamoto, Yamamoto Observatory; and Masanosuke Yanagimachi, Takasago Thermal Engineering Co.

Lebanon: Adnan Tarcisi, Yemen Office for Syria and Lebanon.

Malaya: Gerald T. Ward, physics department, University of Malaya.

Mexico: Nabor Carillo, Universidad Nacional de Mexico; Michel Fournier de Alba, Instituto de Geofísica, Torre de Ciencia, Universidad Nacional Autonoma de Mexico; J. K. Jennings, the Mexican Light & Power, Ltd.; and David Matson, Compania Impulsora de Empresas Electricas S.A.; George S. McLaughlin, Cuadrante de San Francisco 48.

Morocco: R. Ambroggi, Centre des Etudes Hydrogeologiques, Direction de la Production, Industrielle et des mines.

Netherlands: L. N. M. Duysens, Physisch Laboratorium der Rijks Universiteit, Utrecht, and B. Kok and E. C. Wassink of the Laboratorium Voor Plantenphysiologish, Onderzoek der Landbouwogeschool, Wageningen.

Netherlands West Indies: P. C. Henriques, Curaçao.

New Zealand: C. J. Banwell, Dominion Physical Laboratory.

Thailand: Ravi Pavelai and Sukum Sritanyarantana, Chulalongkorn University.

Union of South Africa: Arthur E. H. Bleksley, University of Witwatersrand, and Austin Whillier, South African Council for Scientific and Industrial Research.

U.S.S.R.: V. A. Baum, deputy director, G. M. Krzhizhanov Power Institute, Academy of Sciences of the U.S.S.R.

Forthcoming Events

November

28–1. White House Conf. on Education, Washington, D.C. (C. Pace, Director; Comm. for White House Conf. on Education; South Health, Education and Welfare Bldg.; Washington 25.)

29–2. American Medical Assoc., clinical, Boston, Mass. (G. F. Lull, AMA, 535 N. Dearborn St., Chicago 10, Ill.)

29–2. Entomological Soc. of America, Cincinnati, Ohio. (R. H. Nelson, 1530 P St., NW, Washington 5.)

December

2. American Alpine Club, annual, New York, N.Y. (J. C. Oberlin, 900 Leader Bldg., Cleveland 14, Ohio.)

2–3. American Federation for Clinical Research, Eastern, Philadelphia, Pa. (C. R. Shuman, Temple Univ. Hospital, Broad and Ontario Sts., Philadelphia 40, Pa.)

2–3. Oklahoma Acad. of Science, Norman. (D. E. Howell, Dept. of Entomology, Oklahoma A. & M. College, Stillwater.)

2–4. American Psychoanalytic Assoc., New York, N.Y. (J. N. McVeigh, 36 W. 44 St., New York 36.)

4. American Acad. of Dental Medicine, 10th mid-annual, New York, N.Y. (G. J. Witkin, 45 South Broadway, Yonkers 2, N.Y.)

8–10. Concept of Development, Minneapolis, Minn. (D. B. Harris, Inst. of Child Welfare, Univ. of Minnesota, Minneapolis 14.)

8–10. Florida Acad. of Sciences, Miami. (R. A. Edwards, Geology Dept., Univ. of Florida, Gainesville.)

9–10. Assoc. for Research in Nervous and Mental Disease, 35th annual, New York, N.Y. (C. C. Hare, 710 W. 168 St., New York 32.)

9–10. Texas Acad. of Science, annual, Waco. (G. P. Parker, P.O. Box 7488, College Station, Texas.)

9–13. American Acad. of Optometry, Chicago, Ill. (C. C. Koch, 1502 Foshay Tower, Minneapolis 2, Minn.)

10–16. Nuclear Cong. and Atomic Exposition, Cleveland, Ohio. (A. F. Denham, 931 Book Bldg., Detroit 26, Mich.)

10–16. Radiological Soc. of North America, Inc., Chicago, Ill. (D. S. Childs, Sr., 713 East Genesee St., Syracuse 2, N.Y.)

11–14. American Soc. of Agricultural Engineers, Chicago, Ill. (F. B. Lanham, ASAE, St. Joseph, Mich.)

11–14. American Soc. of Refrigerating Engineers, New York, N.Y. (R. C. Cross, ASRE, 234 Fifth Ave., New York 1.)

14. Operations Research Symposium, Philadelphia, Pa. (R. V. D. Campbell, Operations Research Symposium Registration, Burroughs Research Center, Paoli, Pa.)

15–17. Acoustical Soc. of America, Providence, R.I. (W. Waterfall, ASA, 57 E. 55 St., New York 22.)

15–17. International Union of Scientific Radio, U.S. national, Gainesville, Fla. (J. P. Hagen, Code 7100, URSI, Naval Research Lab., Washington 25.)

16–21. Interamerican Cong. of Psychology, 3rd, Austin, Tex. (W. Holtzman, Univ. of Texas, Austin.)

26–29. Biometric Soc., Eastern N. American Region, New York, N.Y. (A. M. Dutton, Box 287, Station 3, Rochester 20, N.Y.)

26–31. American Assoc. for the Advancement of Science, Atlanta, Ga. (R. L. Taylor, AAAS, 1025 Connecticut Ave., NW, Washington 6.)

27–29. American Mathematical Soc., 62nd annual, Houston, Tex. (J. H. Curtiss, AMS, 80 Waterman St., Providence 6, R.I.)

27–29. Archaeological Inst. of America, Chicago, Ill. (C. Boulter, 608, Univ. of Cincinnati Library, Cincinnati 21, Ohio.)

27–29. Assoc. for Symbolic Logic, Rochester, N.Y. (J. Barlaz, Rutgers Univ., New Brunswick, N.J.)

27–29. Linguistic Soc. of America, Chicago, Ill. (A. A. Hill, 1719 Massachusetts Ave., NW, Washington 6.)

27–29. Western Soc. of Naturalists, Davis, Calif. (D. Davenport, Univ. of California, Santa Barbara.)

27–30. American Statistical Assoc., New York, N.Y. (E. M. Bisgyer, 1757 K St., NW, Washington 6.)

27–30. Inst. of Mathematical Statistics, New York, N.Y. (K. J. Arnold, Dept. of Mathematics, Michigan State Univ., East Lansing.)

27–1. Phi Delta Kappa, 50th anniversary, Bloomington, Ind. (J. C. Whinnery, 324 N. Greenwood Ave., Montebello, Calif.)

28–29. Northwest Scientific Assoc., Spokane, Wash. (F. J. Schadegg, Eastern Washington College of Education, Cheney.)

28–30. American Economic Assoc., New York, N.Y. (J. W. Bell, Northwestern Univ., Evanston, Ill.)

28–30. American Historical Assoc., Washington, D.C. (B. C. Shafer, Study Room 274, Library of Congress Annex, Washington 25.)

28–30. American Philological Assoc., Chicago, Ill. (J. P. MacKendrick, Bascom Hall, Univ. of Wisconsin, Madison 6.)

28–30. Low Temperature Physics and Chemistry, Baton Rouge, La. (J. G. Daunt, Dept. of Physics, Ohio State Univ., Columbus 10.)

28–30. American Philosophical Assoc., Eastern Div., Boston, Mass. (W. H. Hay, Dept. of Philosophy, Univ. of Wisconsin, Madison.)

28–30. American Physical Soc., winter meeting, Los Angeles, Calif. (K. K. Darrow, Columbia Univ., New York 27.)

28–30. Econometric Soc., New York, N.Y. (R. Ruggles, Box 1264, Yale Station, Yale Univ., New Haven, Conn.)

29. Metric Assoc., Inc., annual, Washington, D.C. (V. G. Shinkle, 1916 Eye St., NW, Washington 6.)

29–30. American Folklore Soc., Washington, D.C. (M. Leach, Bennett Hall, University of Pennsylvania, Philadelphia 4.)

29–30. History of Science Soc., Washington, D.C. (T. S. Kuhn, 74 Buckingham St., Cambridge 38, Mass.)

30. Mathematical Assoc. of America, 39th annual, Houston, Tex. (H. M. Gehman, University of Buffalo, Buffalo 14, N.Y.)

(See 21 Oct. issue for comprehensive list)

Equipment News

■ STEREOSCOPIC CAMERA that is capable of taking three-dimensional photographs in color or black and white has been announced. Invented by David Donaldson of the Howe Laboratory of Ophthalmology, Harvard Medical School, the camera is designed to eliminate the optical distortions inherent in ordinary stereo equipment. Bellows extension, inter-lens distance, and parallax correction scales are calibrated according to magnification. Once the appropriate magnification or minification has been selected, all scales are set to this number before the camera is focused. A variable intensity light source (electronic strobe flash) of short duration, powered by a separate amplifier, is also calibrated according to magnification. The instrument is designed so that the user can duplicate exposure, magnification, and stereoscopic effect. A built-in stop prevents double exposures; the lens openings remain constant at a small aperture. (Perkin-Elmer Corp., Dept. Sci., Norwalk, Conn.)

■ ADSORPTION ALUMINAS of analytic grade have been processed and standardized for chromatographic use. Acid, basic, and neutral materials of activity grade I (Brockmann) are currently available. (Bio-Rad Laboratories, Dept. Sci., 800 Delaware St., Berkeley, Calif.)

■ RESOLUTION TEST PATTERNS on glass, designed for use in determining the resolving power of photographic lenses and other equipment and in evaluating the relative performance of lenses, are available singly or in quantity. Bulletin 8000. (W. and L. E. Gurley, Industrial Div., Dept. Sci., Troy, N.Y.)

■ METALLURGICAL MICROSCOPE has an oversized focusing stage with interchangeable stage plates, a fine-adjustment focusing knob located at table level, and an accessory lens for concentrating external illumination into the microscope for photomicrographic work. A new vertical illuminator and triple-revolving objective turret that makes possible the study of opaque or semiopaque specimens in brightfield, darkfield, or polarized light is also available. Literature D-1053. (Bausch and Lomb Optical Co., Dept. Sci., 635 St. Paul St., Rochester, N.Y.)

■ BOTTLE STOPPER CLAMP secures stoppers but permits normal use of glass tubing. Cast aluminum clamp, which has a hinged U-shaped upper arm, fits most small bottles that use No. 8 or No. 10 stoppers. (Central Scientific Co., Dept. Sci., 1700 Irving Park Rd., Chicago 13, Ill.)

GET YOUR ADVANCE COPY

of the General Program-Directory of the AAAS Atlanta Meeting by first class mail – early in December

The General Program-Directory of the 122nd Meeting of the AAAS in Atlanta, Georgia, Dec. 26–31, 1955, will be available to anyone, at cost, within the first week in December—whether he can attend the Meeting or not. You will want the General Program-Directory for your reference shelf.

Program content

1. The four-session symposium, "Atomic Energy and Agriculture," arranged by ORINS.
2. The three-session program of the International Geophysical Year.
3. An AAAS-sponsored "Congress" on the shortage of young scientists and science teachers.
4. Programs of the 17 AAAS sections (symposia and contributed papers).
5. Programs of the more than 60 participating societies.
6. The Special Sessions: AAAS, Academy Conference, Conference on Scientific Editorial Problems, National Geographic Society, Phi Beta Kappa, RESA, Sigma Xi.
7. Details of the Municipal Auditorium—center of the Meeting—and hotels and campuses.
8. Titles of the latest foreign and domestic scientific films to be shown in the AAAS Science Theatre.
9. Exhibitors in the 1955 Annual Exposition of Science and Industry and descriptions of their exhibits.

Directory content

1. AAAS officers, staff, committees for 1955.
2. Complete roll of AAAS presidents and their fields.
3. The more than 265 affiliated organizations.
4. Historical sketch and organization of the Association; the Constitution and Bylaws.
5. Publications of the Association.
6. AAAS Awards and Grants—including all past winners.
7. Membership figures by sections.
8. Section committees (Council members) in detail.
9. Local committees.
10. Future Meetings of the AAAS through 1962.
11. New and current activities of the AAAS.

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