

Scientific Meetings

Meeting Notes

■ The spring meeting of the American Physical Society will be held in Washington, D.C., 26–28 Apr. Three hundred and ninety-three contributed papers are distributed among 33 sessions. Last year the number was 394, and the previous year 406.

R. D. Huntoon is for the second time chairman of the local committee. Last-minute correspondence to officers, session chairmen, and members should be addressed in his care, Local Arrangements Committee, Room 112 C, Sheraton Park Hotel.

■ The first Congreso Pan-Americano de Gerontologia will be held under the presidency of Manuel Payno in Mexico City, D.F., 15–22 Sept. This is a week later than was previously announced. Abstracts of not more than 200 words of papers to be presented should be sent to Dr. E. V. Cowdry, Chairman of the North American Committee of Cooperation, Washington University of Medicine, St. Louis 10, Mo.

■ The 1956 annual congress of DECHEMA (Deutsche Gesellschaft für Chemisches Apparatewesen) will be held in connection with the 9th meeting of the European Federation for Chemical Engineering in Frankfurt am Main, Germany, 6–9 June. The program will feature a series of papers on the "Basic principles of chemical engineering as applied to chemical reactions on a large scale."

■ A world conference on earthquake engineering will be presented jointly by the Earthquake Engineering Research Institute and the University of California, Berkeley, in cooperation with the Structural Division of the American Society of Civil Engineers and the Structural Engineers Association of California on the Berkeley campus 12–16 June.

In addition to marking the 50th anniversary of the San Francisco quake, the conference will have as its specific objectives: (i) review of the development of seismology and earthquake engineering to this time; (ii) presentation of technical papers on aseismic design

and construction practices in all of the major seismic areas of the world; and (iii) meeting of the world's seismologists and structural engineers to create a closer liaison among the many groups concerned with the earthquake problem. Inquiries should be addressed to the Department of Conference and Special Activities, University Extension, University of California, Berkeley 4, Calif.

■ The International Congress of Clinical Chemistry will be held from 9–14 Sept. 1956 at the Barbizon Plaza, New York, instead of at the Hotel New Yorker, as previously announced. A program of special events is being planned for associate members during the week. For the congress itself, the following scientific program has been tentatively arranged by Harry Sobotka:

10 Sept.

Symposium on blood electrolytes, to be opened by D. D. van Slyke with a tribute to the late John Peters as a pioneer in clinical chemistry. C. P. Stewart (Edinburgh) and Margaria (Milan) will speak on various phases of blood electrolytes analysis. Possibly Wettstein (Basle) and Josephson (Stockholm) will speak on blood electrolytes in adrenal and renal physiology respectively.

11 Sept.

Hemoglobin and bile pigment. Speakers: Huisman (Groningen) and Rudi Schmid (Bethesda).

Symposium on standardization. Speakers: Wootton (London), Seligson (Philadelphia), and possibly Sanz (Geneva).

13 Sept.

Enzymes and vitamins. Speakers: E. J. King (London) on enzymes, Nordman (Paris) on citric acid cycle products, and Siliprandi (Rome) on vitamin B complex.

14 Sept.

Symposium on proteins, to be opened by Henley (Washington) with a review of electrophoresis and a tribute to the late Kurt G. Stern. Wuhrmann (Winthertur) will speak on serum proteins, Verschure (Utrecht) on lipoproteins, and MacLagan (London) or Stary (Istanbul) on mucoproteins.

Other sessions will be devoted to contributed papers on the same or different subjects, if necessary in parallel sessions.

■ The 12th congress of the International Union of Forest Research Organizations will be held in Oxford, England, 7–14 July, followed by a choice of one of 8 week-long study tours in England, Scotland, and Wales. The congress succeeds the fifth general assembly of the International Union for the Protection of Nature, which is to be held in Edinburgh, Scotland, 20–28 June. Participants should arrive in Oxford on the evening of 6 July.

The meetings of the Congress will consist of plenary sessions and meetings of the different subject-matter sections. No papers will be read, but there will be discussion of preprinted papers in each field.

The union consists of public and private forest experiment stations, university schools of forestry, and institutes. There are also a few individual members. Congresses are held at 4-year intervals.

Some of the chief activities in the past have been the preparation of a forest bibliography and system for classification of forestry literature, standardization of methods of forest-site description and calculation of forest yields, experiments in the influence of seed source on growth and development of leading commercial species, standardization of methods of seed-testing and certification, and many similar projects.

Attendance at the Oxford congress is open to all interested persons. Further information may be obtained from the secretary of the organizing committee, Mr. B. V. Mills, Forestry Commission, 25 Saville Row, London W1, England, or from Mr. Henry I. Baldwin, Hillsboro, N.H.

■ The annual session of the Colloquium of College Physicists will take place at the State University of Iowa, 13–16 June. Special attention will be given to the upper atmosphere, cosmic rays, the solid state, recruitment of the profession, an exhibit, new equipment designs, new methods, undergraduate group presentations, and recent publications. The featured lecture series, consisting of four lectures, will be given by Norman F. Ramsey of Harvard University.

■ The ninth annual microbiological institute will be held 4–9 June at Purdue University under the direction of C. L. Porter of the department of biological sciences. Sessions will be devoted to lectures, laboratory exercises, and demonstrations to teach the characteristics of the fungi of greatest importance in industry. Emphasis will be placed on techniques that will result in rapid identification.

The following evening lectures are scheduled: "Social implication of sex in micro-organisms," Edward D. De-

Lamater, School of Medicine, University of Pennsylvania; "Use of antibiotics in food preservation," F. E. Deatherage, department of agricultural biochemistry, Ohio State University; "Fungi in Relation to the paper industry," Elwood O. Dillingham, Institute of Paper Chemistry, Appleton, Wis.; "The nature of some imperfect fungi of industrial importance," H. L. Barnett, department of mycology, West Virginia University; "Research possibilities in the fermentation industries," J. E. McClary, director of Brewing Research, Anheuser-Busch, Inc., St. Louis, Mo.

■ "Earth satellites as research vehicles" was the topic of a symposium that was held at the Franklin Institute, Philadelphia, Pa., on 13 Apr. The meeting was another one of the succession of events in celebration of the 250th anniversary of the birth of Benjamin Franklin.

The speakers who presented papers were George H. Clement of the Engineering Division, Rand Corporation, Santa Monica, Calif.; Krafft A. Ehrlicke of the Preliminary Design and Systems Analysis Group, Convair Division, General Dynamics Corporation, San Diego, Calif.; Lovell Lawrence, Jr., of the Power Plant Design Missile Operations, Chrysler Corporation, Detroit, Mich.; Homer E. Newell, Jr., Rocket-Sonde Research Board, Naval Research Laboratory, Washington, D.C.; R. W. Porter, chairman, Panel on Earth Satellite, IGY, General Electric Company, New York; and Lyman Spitzer, Jr., director Princeton University Observatory, Princeton, N.J.

■ Stanford Research Institute and the University of California will sponsor jointly a symposium on "High temperature—a tool for the future" at the university's Berkeley campus, 25–27 June. More than 300 scientific and industrial people are expected to attend the discussions of high-temperature methods, materials, and processes in science and industry. Address inquiries to Dr. Nevin K. Hiester, Chemical Engineering Section, Stanford Research Institute, Menlo Park, Calif.

Society Elections

■ University of Pittsburgh, Association of Geology Teachers: pres., Stanard Bergquist, Michigan State University; vice-pres., J. Robert Berg, University of Wichita; sec., C. E. Prouty, University of Pittsburgh; treas., Charles G. Higgins, University of California, Davis. **Representative to the AAAS Council** is Richard M. Foote, Franklin and Marshall College.

■ Wildlife Society: pres., Durward L. Allen, Purdue University; v.-pres., John S. Gotteshalk, Fish and Wildlife Service, Washington, D.C.; sec.-treas., Daniel L. Leedy, Fish and Wildlife Service, Washington, D.C.

■ Scientific Manpower Commission: pres., John S. Nicholas; v.-pres., B. R. Stanerson; secy.-treas., Glen Finch.

Forthcoming Events

May

16–18. European Assoc. of Exploration Geophysicists, 10th meeting, Hamburg, Germany. (Secretariat, 30 Carel Van Bylandtlaan, The Hague, Netherlands.)

18–26. World Cong. on Fertility and Sterility, 2nd, Naples, Italy. (C. D. Guerrero, Melchor Ocampo 487, Mexico, D.F. Mexico.)

19–20. Population Assoc. of America, annual, Ann Arbor, Mich. (H. Carter, National Office of Vital Statistics, Public Health Service, Washington 25.)

20–22. Building Research Inst., 5th annual, Niagara Falls, Ontario, Canada. (W. H. Scheick, BRI, 2101 Constitution Ave., Washington 25.)

20–22. International Cong. of Neo-Hippocratic Medicine, Montecatini Terme, Italy. (Dr. Valente, 41 Av. Verdi, Montecatini, Terme.)

20–24. American Assoc. of Cereal Chemists, New York, N.Y. (C. L. Brooke, Merck & Co., Inc., Rahway, N.J.)

20–25. National Conf. of Social Work, St. Louis, Mo. (22 W. Gay St., Columbus 15, Ohio.)

21–23. American Trudeau Soc., 51st annual, New York, N.Y. (Miss E. Lovell, National Tuberculosis Assoc., 1790 Broadway, New York 19.)

21–24. Air Pollution Control Assoc., Niagara Frontier, annual, Buffalo, N.Y. (H. C. Ballman, APCA, 4400 Fifth Ave., Pittsburgh 13, Pa.)

21–26. International Colloquium on Luminescence of Crystalline Inorganic Substances, Paris, France. (Laboratoire de Luminescence, Faculté des Sciences, Univ. de Paris, 12 Rue Cuvier, Paris 5e.)

23–24. Work Conf. on Radiation-Induced Mutations, Upton, Long Island, N.Y. (S. Shapiro, Brookhaven National Laboratory, Upton, L.I.)

23–25. American Soc. of Mechanical Engineers, Montreal, Quebec. (C. E. Davies, ASME, 29 W. 39 St., New York 18.)

23–26. European Symposium on Vitamin B₁₂, 1st, Hamburg, Germany. (H. Bauer, Nervenlinik, Hamburg-Eppendorf.)

23–1. International Cong. of Animal Reproduction, 7th, Madrid, Spain. (European Assoc. for Animal Reproduction, Via Quintino Sella 54, Rome, Italy.)

24–26. International Cong. on Pathology of Infectious Diseases, Lyons, France. (Secretary, Institut Pasteur, Paris.)

24–26. National Soc. of Professional Engineers, Atlantic City, N.J. (P. H. Robbins, 2029 K St., N.W., Washington 6.)

25–27. Soc. for Applied Anthropology, annual, Boston, Mass. (Mrs. E. Purcell, 150 E. 35 St., New York 16.)

26–28. International Cong. of Assoc. for Study of Bronchi, 6th, Brussels, Belgium. (Dr. Maunes, 23 Ave. d'Anderghem, Brussels.)

28–30. Chemical Inst. of Canada Conference, 39th annual, Montreal, Que. (Chemical Inst. of Canada, 18 Rideau St., Ottawa 2, Ont.)

28–1. International Symposium on Venereal Diseases and the Treponematoses, 1st, Washington, D.C. (C. A. Smith, Venereal Disease Program, Div. of Special Health Services, Public Health Service, Washington 25.)

28–2. International Dental Federation, 44th annual, Zurich, Switzerland. (H. Freihofer, 15 Todistrasse, Zurich.)

30–9. International Conf. of Large Electric Systems, 16th, Paris, France. (J. Tribot Laspiere, 112 Blvd. Haussmann, Paris 8e.)

June

3–6. American Soc. of Refrigerating Engineers, Cincinnati, Ohio. (R. C. Cross, ASRE, 234 Fifth Ave., New York 1.)

3–7. Special Libraries Assoc., annual, Pittsburgh, Pa. (Miss M. E. Lucius, 31 E. 10 St., New York 3.)

3–8. Soc. of Automotive Engineers, summer meeting, Atlantic City, N.J. (Meetings Div., SAE, 29 W. 29 St., New York 18.)

4–7. Forest Products Research Soc., Asheville, N.C. (F. J. Rovsek, FPRS, P.O. Box 2010, University Station, Madison 5, Wis.)

4–9. International Mechanical Engineering Cong., 6th, Paris, France. (British Engineers Assoc., 32, Victoria St., London, S.W.1, England.)

4–9. International Seed Testing Convention, Paris, France. (C. Stahl, International Seed Testing Assoc., Thorvaldsensvej 57, Copenhagen V, Denmark.)

4–9. Microbiological Inst., 9th annual, Lafayette, Ind. (Div. of Adult Education, Engineering Administration, Bldg., Purdue Univ., Lafayette.)

6–8. American Soc. for Quality Control, annual, Montreal, Quebec, Canada. (C. E. Fisher, ASQC, Room 563, 50 Church St., New York 7.)

6–9. European Federation for Chemical Engineering, 9th, Frankfurt/Main, Germany. (Dechema-Haus, Rheingau-Allee 25, Frankfurt A.M.)

6–10. American College of Chest Physicians, annual, Chicago, Ill. (M. Kornfeld, ACCP, 112 E. Chestnut St., Chicago.)

7–9. Endocrine Soc., annual, Chicago, Ill. (H. H. Turner, 1200 N. Walker St., Oklahoma City, Okla.)

9–10. Soc. for Investigative Dermatology, annual, Chicago, Ill. (H. Beerman, 255 S. 17 St., Philadelphia 3, Pa.)

10–14. Institute of Food Technologists, annual, St. Louis, Mo. (C. S. Lawrence, IFT, 176 W. Adams St., Chicago 3, Ill.)

10–15. American Crystallographic Assoc., French Lick, Ind. (S. Siegel, Chemistry Div., Argonne National Lab., Box 299, Lemont, Ill.)

11–15. American Medical Assoc., an-

nual, Chicago, Ill. (G. F. Lull, AMA, 535 N. Dearborn St., Chicago 10.)

11-15. Symposium on Molecular Structure and Spectroscopy, annual, Columbus, Ohio. (H. H. Nielsen, Dept. of Physics, Ohio State Univ., Columbus.)

11-16. Pacific Div., AAAS, Seattle, Wash. (R. C. Miller, California Acad. of Sciences, Golden Gate Park, San Francisco 18.)

11-23. European Organization for Nuclear Research, Symposium on High Energy Physics, Geneva, Switzerland. (H. Coblans, CERN, Case Postale 25, Genève 15-Aéroport.)

12-14. American Meteorological Soc., Seattle, Wash. (K. C. Spengler, AMS, 3 Joy St., Boston 8, Mass.)

12-15. Max Planck Soc. for Advancement of Sciences, Stuttgart, Germany. (Max Planck Soc., Rainerswerther Str. 164, Düsseldorf 22a, Germany.)

12-16. World Conference on Earthquake Engineering, Berkeley, Calif. (R. W. Clough, Div. of Civil Engineering, Univ. of California, Berkeley 4.)

13-14. Conference for Veterinarians, 25th annual, Columbus, Ohio. (J. W. Helwig, College of Veterinary Medicine, Ohio State Univ., Columbus 10.)

13-16. Colloquium of College Physicists, annual, Iowa City, Iowa. (G. W. Stewart, Dept. of Physics, State Univ. of Iowa, Iowa City.)

16-17. Council of American Bioanalysts, Dallas, Tex. (M. F. Dooley, 308 S. Bishop, Dallas, Tex.)

17-20. American Soc. of Agricultural Engineers, 49th annual, Roanoke, Va. (F. B. Lanham, ASAE, St. Joseph, Mich.)

17-22. American Soc. of Medical Technologists, annual, Quebec, Canada. (Miss R. Matthaei, Suite 25, Hermann Professional Bldg., Houston 25, Tex.)

17-22. American Soc. for Testing Materials, annual, Atlantic City, N.J. (R. J. Painter, ASTM, 1916 Race St., Philadelphia 3, Pa.)

17-23. American Library Assoc., annual, Miami Beach, Fla. (D. H. Clift, 50 E. Huron St., Chicago 11, Ill.)

17-23. World Confederation for Physical Therapy, 2nd international cong., New York, N.Y. (Miss M. Elson, American Physical Therapy Assoc., 1790 Broadway, New York 19.)

17-23. World Power Conf. (invitation), 5th plenary, Vienna, Austria. (S. E. Reimel, Engineers Joint Council, 29 W. 39 St., New York 18.)

17-30. West Coast Science Teachers Summer Conf., Corvallis, Oreg. (R. H. Carleton, National Science Teachers Assoc., 1201 16 St., NW, Washington 6.)

18-20. American Soc. of Heating and Air-Conditioning Engineers, Washington, D.C. (A. V. Hutchinson, ASHAE, 62 Worth St., New York 13.)

18-21. Institute of Aeronautical Sciences, Inc., annual summer, Los Angeles, Calif. (S. P. Johnston, 2 E. 64 St., New York 21.)

18-21. Phi Lambda Upsilon, triennium convention, Ann Arbor, Mich. (T. B. Cameron, Dept. of Chemistry, Univ. of Cincinnati, Cincinnati 21, Ohio.)

18-22. American Physical Therapy Assoc., annual, New York, N.Y. (Miss M. Elson, APTA, 1790 Broadway, New York 19.)

18-22. Medical Library Assoc., 55th annual, Los Angeles, Calif. (A. N. Brandon, Library, College of Medical Evangelists, Loma Linda, Calif.)

18-24. Acoustical Soc. of America, Cambridge, Mass. (W. Waterfall, ASA, 57 E. 55 St., New York 22.)

19-22. American Dairy Science Assoc., annual, Storrs, Conn. (H. F. Judkins, 32 Ridgeway Circle, White Plains, N.Y.)

20-21. Symposium on Diffusion and Flow Processes in Polymers, Madison, Wis. (W. J. Lyons, Quartermaster Research and Development Command, Natick, Mass.)

20-22. American Assoc. of Physics Teachers, annual, Toronto, Ont., Canada. (F. Verbrugge, Carleton College, Northfield, Minn.)

20-28. International Union for the Protection of Nature, Edinburgh, Scotland. (J. P. Harroy, IUPN, 42, rue Montoyer, Brussels, Belgium.)

21-23. American Physical Society, New Haven, Conn. (K. K. Darrow, Columbia Univ., New York 27.)

21-23. American Physical Society, Eugene, Ore. (W. A. Nierenberg, Univ. of California, Berkeley 4.)

21-23. Soc. of Nuclear Medicine, annual, Salt Lake City, Utah. (R. G. Moffat, 2656 Heather St., Vancouver 9, Canada.)

21-24. American Acad. of Dental Medicine, 10th annual, Detroit, Mich. (G. J. Witkin, AADM, 45 S. Broadway, Yonkers 2, N.Y.)

21-24. American Soc. of Ichthyologists and Herpetologists, 36th annual, Higgins Lake, Mich. (R. M. Bailey, Museum of Zoology, Univ. of Michigan, Ann Arbor.)

25-27. Symposium on Uses of High Temperatures in Science and Industry, Berkeley, Calif. (N.K. Hiester, Stanford Research Inst., Menlo Park, Calif.)

25-29. American Soc. for Engineering Education, annual, Ames, Iowa. (W. Leighton Collins, Univ. of Illinois, Urbana.)

25-29. American Inst. of Electrical Engineers, Summer and Pacific General, San Francisco, Calif. (N. S. Hibshman, AIEE, 33 W. 39 St., New York 18.)

25-29. Alpha Chi Sigma Fraternity, biennial convention, University Park, Pa. (J. R. Kuebler, 5503 E. Washington St., Indianapolis 19, Ind.)

25-29. International Cong. on Physio-Pathology of Animal Reproduction and of Artificial Insemination, 3d, Cambridge, England. (J. Edwards, Production Div., Milk Marketing Board, Thames Ditton, Surrey, England.)

25-30. International Assoc. for Bridge and Structural Engineering, 5th cong., Lisbon, Portugal. (M. L. Gretner, Swiss Federal Inst. of Technology, Zurich.)

26-29. American Home Economics Assoc., annual, Washington, D.C. (Miss M. Horton, AHEA, 1600 20 St., NW, Washington 9.)

28-1. International Scientific Conf. of Rheumatism, Aix-les-Bains, France. (M. Graber-Duvernay, 6, rue de Liege, Aix-les-Bains.)

July

1-7. International Conf. on Nuclear Reactions, Amsterdam, Netherlands. (S. A. Wouthuysen, Zeeman Laboratorium, Pl. Muidergracht 4, Amsterdam (C).)

1-7. National Education Assoc., Portland, Oreg. (W. G. Carr, NEA, 1201 16 St., NW, Washington, D.C.)

2. Astronomical League, Miami, Fla. (W. A. Cherup, 4 Klopfer St., Millvale, Pittsburgh 9, Pa.)

2. Gamma Sigma Delta Biennial Conclave, Ames, Iowa. (J. A. Johnson, Dept. of Flour and Feed Milling Industry, Kansas State College, Manhattan.)

2-3. National Science Teachers Assoc., Corvallis, Oreg. (R. H. Carleton, NSTA, 1201 16 St., NW, Washington 6.)

6-14. International Union of Forestry Research Organizations, 12th cong., Oxford, England. (Secretariat of Union, Viale delle Terme di Caracalla, Rome, Italy.)

9-11. Symposium on Chemical Additives in Foods, 2nd of 5 symposiums, Amsterdam, Netherlands. (H. F. DuPont, International Bur. of Analytical Chemistry, 18 Ave. de Villars, Paris 7, France.)

12-14. International Astrophysical Symposium on Molecules in Cosmic Sources, 7th, Liege, Belgium. (H. C. Urey, Inst. for Nuclear Studies, Univ. of Chicago, Chicago 37, Ill.)

16-21. French Assoc. for the Advancement of Science, Dijon, France. (Mlle. Henri-Martin, Secretary, 28, rue Serpente, Paris 6e.)

17-26. International Soc. of Photogrammetry, 8th cong., Stockholm, Sweden. (P. O. Fagerholm, Bragevägen 8, Stockholm.)

18-20. Soc. for the Study of Development and Growth, annual, Providence, R.I. (M. V. Edds, Jr., Brown Univ., Providence 12.)

22-27. International Cong. of Pediatrics, 8th, Copenhagen, Denmark. (Prof. Franconi, Kinderspital, Steinwiesstrasse 75, Zürich 32, Switzerland.)

22-28. International Cong. on Housing and Town Planning, Vienna, Austria. (H. van der Weijde, International Federation for Housing and Town Planning, Paleisstraat 5, The Hague, Netherlands.)

22-28. International Cong. of Radiology, 8th, Mexico, D.F., Mexico. (J. Noriega, Tepic 126, 2° piso, Mexico, D.F. 7.)

23-26. International Cong. of Developmental Biology, 1st, Providence, R.I. (J. W. Wilson, Dept. of Biology, Brown Univ., Providence.)

26-28. International Conf. on Biochemical Problems of Lipids, 3rd, Brussels, Belgium. (R. Ruyssen, St. Jansvest 12, Univ. of Ghent, Ghent, Belgium.)

27-31. Symposium on Cytodifferentiation (invitation), Providence, R.I. (J. W. Wilson, Dept. of Biology, Brown Univ., Providence.)

27-7. International Limnology Cong., 13th, Helsinki, Finland. (H. Luther, Snellmangatan 16 C 36, Helsinki.)

30-4. International Physiological Cong., 20th, Brussels, Belgium. (J. J. Reuse, Faculté de Médecine, 115 Boulevard de Waterloo, Brussels.)