

Meetings

Biological Exhibits at Geneva

The second International Conference on the Peaceful Uses of Atomic Energy, held in Geneva, Switzerland, 1-13 September, was participated in by many countries as guests of the United Nations. The basic objective of the United States was to provide, wherever possible, operating laboratories and exhibits staffed with scientists skilled in various areas of research. An integrated picture

of nuclear research was presented, which included power, physics, chemistry, and the life sciences. Many people availed themselves of the opportunity provided for discussion, and the American exhibit became a meeting ground for scientists from around the world.

Short-lived radioisotopes were prepared in a Triga reactor and utilized in an activated isotope laboratory operated by personnel from the National Naval Medical Center. Drugs and biochemically important compounds were labeled with C^{14} , S^{35} , and H^3 and assayed in a chemistry laboratory oper-

ated by the Chemistry Division of the Argonne National Laboratory and the University of Chicago's department of pharmacology. Biosynthetic labeling was demonstrated in a greenhouse transported from the Argonne National Laboratory and operated by personnel from the biology division of the laboratory. A large display on photosynthesis was prepared by the University of California, as were exhibits on erythropoietin and a gamma-ray camera used in medical practice. The Roswell Park Memorial Institute sent a photoscanner for tumor localization.

The Public Health Service provided exhibits on the diagnosis of cardiac anomalies by means of radioactive noble gas and on the metabolism of labeled carcinogens. The Los Alamos Scientific Laboratory operated a "Human Counter," which was a very popular attraction. The Army Quartermaster Corps developed an exhibit on food preservation, and the Department of Agriculture exhibit on parasite eradication was especially attractive. The universities of Maryland, Illinois, and California co-operated to develop an exhibit on milk synthesis. The measurement of C^{14} -labeled lysergic acid diethylamide in brain was displayed by the University of Rochester. The biodynamics of $C^{14}O_2$ was demonstrated in patients by a group from the University of Chicago, who also demonstrated the technique of hypophysis ablation, using yttrium-90 implants. New developments in the field of autoradiography were displayed in exhibits from Columbia University and the universities of Arkansas and Chicago.

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Differential Equations

A Symposium on Boundary Problems in Differential Equations, with special reference to recent developments in this field, will be held by the Mathematics Research Center, U.S. Army, at the University of Wisconsin, 20-22 April. Invited speakers, about 20 in number, will each present a 30-minute paper. Both ordinary and partial differential equations will be considered, the emphasis to be upon methods that are potentially adapted to computation. The proceedings of the symposium will be published.

Among the speakers, European and American, will be L. Collatz, G. Fichera, L. Fox, W. T. Koiter, J. Schröder, I. N. Sneddon, R. Bellman, G. Birkhof, H. Bueckner, R. Courant, J. B. Diaz, J. Douglas, K. Friedrichs, P. Garabedian, B. A. Troesch, R. Varga, C. Wilcox, and

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D. Young. Persons interested in attending the symposium may obtain the program and other details from R. E. Langer, Director, Mathematics Research Center, U.S. Army, 1118 West Johnson St., Madison 6, Wis.

Molecular Structure

A Symposium on Molecular Structure and Spectroscopy will be held at the department of physics and astronomy, Ohio State University, 15-19 June. There will be discussions of the interpretation of molecular spectroscopy data as well as of methods for obtaining such data. In addition, there will be special sessions on phases of spectroscopy that are of current interest. A dormitory will be available for those who wish to reside on the campus during the meeting. For further information, or for a copy of the program when it becomes available, write to Professor R. A. Oetjen, Department of Physics and Astronomy, Ohio State University, Columbus 10, Ohio.

Data Processing

The Denver Research Institute of the University of Denver will hold its 6th annual Symposium on Computers and Data Processing at the Stanley Hotel in Estes Park, Colo., 30-31 July. The conference will be restricted to papers and panel discussions on basic problems in

the fields of data processing, particularly in the area of formalized analysis techniques, logical design, systems organization, and components or devices.

Although it is anticipated that the program will be comprised largely of invited papers, a limited number will be selected from those submitted to the papers committee. Authors wishing to present papers are urged to send abstracts of approximately 150 words, *no later than 1 April*, to: W. H. Eichelberger, Papers Committee, Denver Research Institute, University of Denver, Denver 10, Colo.

Forthcoming Events

April

11. Extending the Parabola, Alfred Korzybski Memorial Symp., New York, N.Y. (E. L. Gates, Inst. of General Semantics, Lakeville, Conn.)

12-14. Atomic Mechanisms of Fracture, conf., Cambridge, Mass. (D. K. Felbeck, Natl. Acad. of Sciences-Natl. Research Council, 2101 Constitution Ave., NW, Washington 25.)

12-15. Neurosurgery, 8th Latin American cong., Santiago, Chile. (A. Asenjo G., Casilla 70-D, Santiago, Chile.)

12-16. American Physiological Soc., Atlantic City, N.J. (R. C. Daggs, 9650 Wisconsin Ave., Washington, D.C.)

12-16. Fracture, intern. conf., Cambridge and Dedham, Mass. (Headquarters, Air Force Office of Scientific Research, Washington 25.)

13. Biochemical Cytology of Liver (Histochemical Soc.), symp., Atlantic City, N.J. (A. B. Novikoff, Dept. of Pathology, Albert Einstein College of Medicine, Yeshiva Univ., Eastchester Rd. and Morris Ave., New York 61.)

13-15. Hydraulics Conf. (American Soc. of Mechanical Engineers), Ann Arbor, Mich. (O. B. Schier, ASME, 29 W. 39 St., New York 18.)

13-17. American Assoc. of Immunologists, Atlantic City, N.J. (C. Howe, 630 W. 168 St., New York 32.)

13-17. American Inst. of Nutrition, Atlantic City, N.J. (G. M. Briggs, NIAMD, Room 9D20, Bldg. 10, National Institutes of Health, Bethesda, Md.)

13-17. American Soc. for Pharmacology and Experimental Therapeutics, Atlantic City, N.J. (H. Hodge, Univ. of Rochester, Rochester 20, N.Y.)

13-18. American Acad. of Neurology, Los Angeles, Calif. (J. M. Foley, Boston City Hospital, Boston, Mass.)

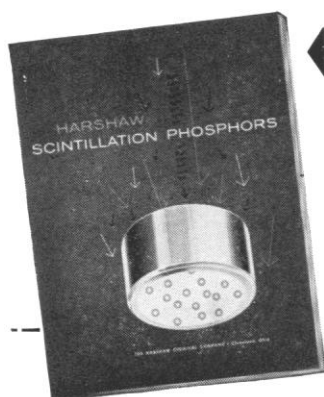
13-18. American Soc. of Biological Chemists, Atlantic City, N.J. (F. W. Putnam, Univ. of Florida Medical School, Gainesville.)

13-18. American Soc. for Experimental Pathology, Atlantic City, N.J. (J. F. A. McManus, Univ. of Alabama Medical Center, Birmingham 3.)

14-15. Electrical Heating Conf. (American Institute of Electrical Engineers), Philadelphia, Pa. (N. S. Hibshman, AIEE, 33 W. 39 St., New York 18.)

14-16. Faraday Soc. (Energy Transfer), Nottingham, England. (Faraday Soc., 6 Gray's Inn Square, London, W.C.1, England.)

14-16. Life Span of Animals, 5th colloquium on aging, London, England.



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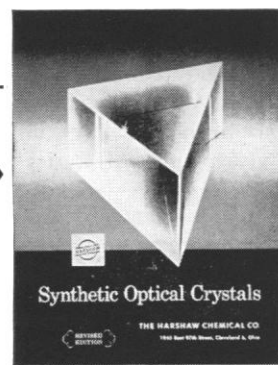
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BASIC BOOKS

Publishers

59 Fourth Avenue
New York 3, N.Y.

(Ciba Foundation, 41 Portland Pl., London, W.1.)

14-16. Rheology of the Glassy State (British Soc. of Rheology), Sheffield, England. (D. W. Saunders, British Rayon Research Assoc., Heald Green Laboratories, Wythenshawe, Manchester 22, England.)

15-17. American Assoc. of Genito-Urinary Surgeons, Absecon, N.J. (W. J. Engel, 2020 E. 93 St., Cleveland 6, Ohio.)

15-17. American Surgical Assoc., San Francisco, Calif. (W. A. Altemeier, Cincinnati General Hospital, Cincinnati 29.)

15-17. Midwest Benthological Soc., annual, Hickory Corners, Mich. (C. M. Fetterol, Jr., Water Resources Commission, Sta. B. Lansing 13, Mich.)

16-18. American Assoc. of Railway Surgeons, Chicago, Ill. (C. C. Guy, 5800 Stony Island Ave., Chicago 37.)

16-18. Association of Southeastern Biologists, Knoxville, Tenn. (H. J. Humm, Dept. of Botany, Duke Univ., Durham, N.C.)

16-18. Ohio Acad. of Sciences, Columbus. (G. W. Burns, Ohio Wesleyan Univ., Delaware.)

16-18. Southern Sociological Soc., 22nd annual, Gatlinburg, Tenn. (S. C. Mayo, North Carolina State College, Raleigh.)

16-30. Engineering, Marine, Welding and Nuclear Energy Exhibition, 22nd, Olympia, London. (F. W. Bridges & Sons, Ltd., Grand Buildings, Trafalgar Square, London, W.C.2, England.)

17. Current Developments in the Production of High Vacua, symp., London. England. (Institute of Physics, 47 Belgrave Square, London, S.W.1.)

17-18. American Mathematical Soc., Monterey, Calif. (E. G. Begle, Leet Oliver Hall, Yale Univ., New Haven, Conn.)

17-18. American Mathematical Soc., Chicago, Ill. (E. G. Begle, Leet Oliver Hall, Yale Univ., New Haven, Conn.)

17-18. Nebraska Acad. of Sciences, 69th annual, Lincoln. (M. Beckman, Teachers College, Univ. of Nebraska, Lincoln.)

18-19. Myasthenia Gravis, 2nd intern. symp., Los Angeles, Calif. (K. E. Osserman, Myasthenia Gravis Foundation, Inc., 155 E. 23 St., New York 10.)

18-22. American Soc. of Tool Engineers, 27th annual, Milwaukee, Wis. (ASTE, 10700 Puritan, Detroit 38, Mich.)

19-23. Oil and Gas Power Conf. (American Soc. of Mechanical Engineers), Houston, Tex. (O. B. Schier, ASME, 29 W. 39 St., New York 18.)

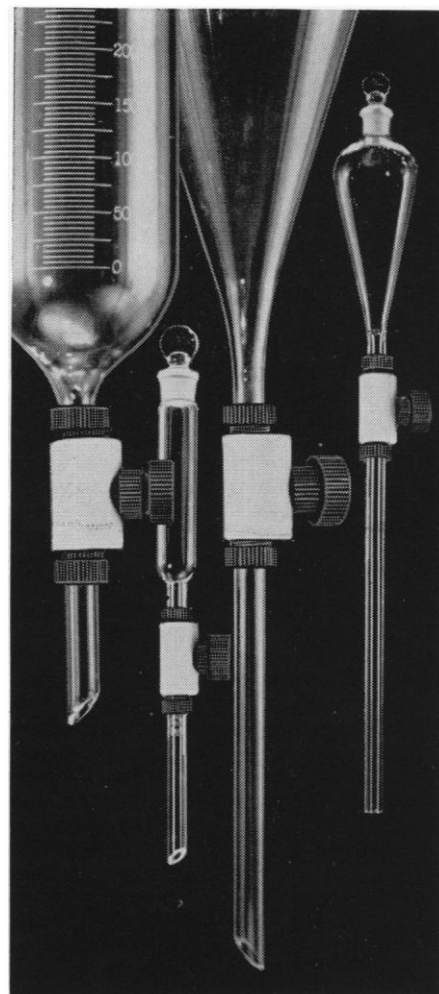
19-24. American Pharmaceutical Assoc., annual conv., Cincinnati, Ohio. (R. P. Fischelis, APA, 2215 Constitution Ave., Washington 7.)

20-21. Analog and Digital Instrumentation, 3rd natl. conf. (American Inst. of Electrical Engineers), Philadelphia, Pa. (N. S. Hibshman, AIEE, 33 West 39 St., New York 18.)

20-22. American Oil Chemists' Soc., spring, 50th anniversary, New Orleans, La. (Mrs. L. R. Hawkins, 35 E. Wacker Dr., Chicago 1, Ill.)

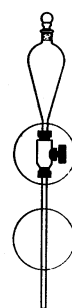
20-22. Boundary Problems in Differential Equations, symp., Madison, Wis. (R. E. Langer, Mathematics Research Center, U.S. Army, 1118 W. Johnson St., Madison 6.)

(See issue of 20 February for comprehensive list)



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