

Forthcoming Events

March

22-25. International Assoc. for Dental Research, St. Louis, Mo. (D. Y. Burrill, 129 E. Broadway, Louisville 2, Ky.)

28-3. Colloquium on Frontiers in Physical Optics, Boston, Mass. (S. S. Ballard, Visibility Laboratory, Scripps Institution 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.)

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

30-31. Seismological Soc. of America, annual, Reno, Nev. (P. Byerly, Bacon Hall, Univ. of California, Berkeley 4.)

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 Institute 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.)

7-10. National Assoc. of Boards of Pharmacy, annual, Detroit, Mich. (P. H. Costello, NABP, 77 W. Washington St., Chicago 2, Ill.)

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, Colleges of Pharmacy, Univ. of Michigan, Ann Arbor.)

8-12. Scientific Apparatus Makers Assoc., 38th annual, Belleair, Fla. (SAMA, 20 North Wacker Dr., Chicago 6, Ill.)

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 delle Ricerche, Ufficio Congressi e Mostre, 7 Piazzale delle Scienze, Rome, Italy.)

9-11. American Assoc. of Feed Microscopists, annual, Terre Haute, Ind. (R. C. Wornick, Agricultural Research Dept., Chas. Pfizer & Co., Inc., Terre Haute.)

9-12. International Anesthesia Research Soc., 30th annual cong., Miami Beach, Fla. (R. J. Whiteacre, 13951 Terrace Rd., Cleveland 12, Ohio.)

10-11. Symposium for Management on Applications of Analog Computers, Kansas City, Mo. (O. Fanning, Midwest Research Inst., 425 Volker Blvd., Kansas City 10.)

12. Assoc. of Vitamin Chemists, Chicago, Ill. (M. Freed, Dawes Products, 4800 S. Richmond, Chicago 32.)

(See issue of 17 February for comprehensive list)

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Equipment News

■ **HIGH-VACUUM FURNACE** for use in melting, alloying, casting, and other metallurgical operations is available in a new model. The vacuum chamber is a Pyrex or stainless steel bell jar that is mounted on a polished, chrome-plated steel, vertical base plate. The pumping system permits operation in the 10^{-5} -mm-Hg range; the tungsten resistance-heating element and power supply are designated to operate at temperatures up to 2000°C. (National Research Corp., Equipment Div., Dept. Sci., 160 Charlemont St., Newton Highlands 61, Mass.)

■ **CATALOG** describing various instruments, equipment, and chemicals for nucleonics has been published by Tracerlab. Sections of the 112-page manual

include such items as scalers and accessories, survey meters, Geiger-Müller tubes and accessories, scintillation and safety equipment, and custom, industrial, and medical equipment and service. Catalog D. (Tracerlab, Inc., Dept. Sci., 130 High Street, Boston 10, Mass.)

■ **ADJUSTABLE LEAD SHIELD**, the Atomlab model Als-1.5, is designed for use in making radio-activity measurements on low-activity samples and as a temporary storage for radioisotopes. The shield can be used to improve accuracy in counting problems by placing the Geiger or scintillation counter inside the cylindrical enclosure, which reduces the background count. The function and size of the shield may be varied by the addition or substitution of different sections. (Atomic Center, Inc., Dept. Sci., 489 Fifth Ave., New York 17)

■ **ORGANIC CHEMICALS** newly available from Eastman include the following: 4,4'-azobis(*N,N*-dimethylaniline); naphthidine, $4\text{-NH}_2\text{C}_{10}\text{H}_6\text{C}_{10}\text{H}_6\text{-4-NH}_2$; *p*-chloromandelic acid, $\text{ClC}_6\text{H}_4\text{CHOH-COOH}$; 3,4-dinitrobenzoic acid; *p*-chlorobenzenethiol, $\text{ClC}_6\text{H}_4\text{SH}$; dichloromaleic anhydride; methyl mercaptoacetate, $\text{CH}_3\text{SHCOOCH}_3$; oxalyl dihydrazide, $\text{NH}_2\text{NHCOCOCONHMH}_2$; thiophene; and trimethylphenylammonium benzenesulfonate, $\text{C}_6\text{H}_5\text{N}(\text{CH}_3)_3\text{OSO}_2\text{C}_6\text{H}_5$. Distillation Products Industries, Dept. Sci., Rochester 3, N.Y.

■ **DRUM CAMERA** model 224 by Beckman and Whitley, which is capable of transporting film at high velocities, offers flexibility in laboratory and field experimentation. As an oscilloscope camera, it has a range of writing speeds from 4 to 400 feet; accessories permit its use as a streak camera or as a framing camera. A 50-in. circumference drum carries the film on its inside cylindrical surface, and a turret-mounted 45-deg first-surface mirror orients the optical axis perpendicular to the plane of the drum. When the drum is driven at its maximum speed of 6000 rev/min, the camera provides 10 msec of writing time on a 35 mm by 50 in. film. (Beckman and Whitley, Dept. Sci., 941 E. San Carlos Ave., San Carlos, Calif.)

■ **UCON FLUIDS AND LUBRICANTS** are described in a new booklet that covers properties, applications, and characteristics of various polyalkylene-glycol derivatives. Form 6500D. (Carbide and Carbon Chemicals Co., Dept. Sci., 30 E. 42 St., New York 17)

■ **RADIOISOTOPE EQUIPMENT** for clinical medicine is described in a new catalog that has been published by Berkeley division of Beckman Instruments used in medical radioisotope measurements, including gamma detectors, lead absorbers, scalers, meters, monitors, and handling equipment are described. Sketches of clinical applications of radioisotope equipment to diagnose thyroid function, localize brain tumors, or measure blood volume, survival time, and cardiac output are included. Catalog C-201. (Berkeley Div., Beckman Instruments, Inc., Dept. Sci., 22 Wright Ave., Richmond 3, Calif.)

■ **ULTRAHIGH-TEMPERATURE CRUCIBLE**, made of Borolite (zirconium boride 101), has a melting point of 3900°F. Designed for use in work with molten metals, such as aluminum, brass, copper, iron, magnesium, and lead, the crucible is corrosive-resistant to nitric and hydrochloric acids. (Fisher Scientific Co., Dept. Sci., 717 Forbes St., Pittsburgh 19, Pa.)

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