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ester, Massachusetts, in 1968. H. G. McAdie (Canada), J. P. Redfern, and D. J. Swaine were appointed chairman of committees on standardization, publication, and affiliation, respectively.

Complete abstracts of papers are being made available by Macmillan and Company, Ltd., London.

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### Forthcoming Events

#### January

16-21. American Chemical Soc., winter mtg., Phoenix, Ariz. (ACS, 1155 16th St., NW, Washington, D.C. 20036)

17-19. Labelled Proteins in Tracer Studies, conf., Pisa, Italy. (Euratom, Labelled Compounds Div., 51-53, rue Belliard, Brussels, Belgium)

19-21. Instrumentation for the Process Industries, Texas A&M symp., College Station. (P. T. Eubank, Dept. of Chemical Engineering, Texas A&M Univ., College Station)

20-21. Anharmonic Phonon Interactions in Solids, Princeton Univ., Princeton, N.J. (W. B. Daniels, Dept. of Solid State Sciences, Princeton Univ., Princeton, N.J.)

20-22. Regulation of Antibody Response, intern. symp., Toronto, Ont., Canada. (B. Cinader, Subdivision of Immunochemistry, Univ. of Toronto, Toronto, Ont.)

20-22. Diabetes in the Tropics, world congr., Bombay, India. (Organizing Secretary, Diabetic Assoc. of India, Maneckji Wadia Bldg., Mahatma Gandhi Rd., Bombay 1)

20-22. Symmetry Principles at High Energy, conf., Univ. of Miami, Coral Gables, Fla. (D. R. Lehman, Air Force Office of Scientific Research, Tempo D, 4th and Independence Ave., SW, Washington, D.C.)

21-22. Physiology of Hemostasis and Thrombosis, 14th annual Wayne State Univ. symp. on blood, Detroit, Mich. (W. H. Seegers, Dept. of Physiology and Pharmacology, Wayne State Univ., Detroit)

22-27. American Acad. of Orthopedic Surgeons, Chicago, Ill. (J. K. Hart, 29 E. Madison, Chicago 2)

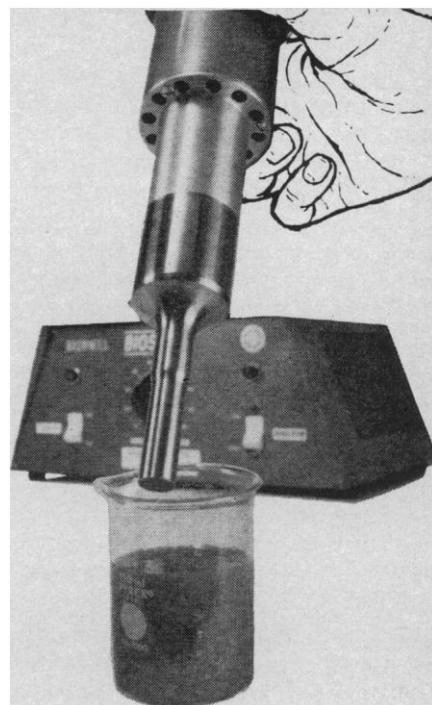
23-28. American Library Assoc., mid-winter mtg., Chicago, Ill. (D. H. Clift, American Library Assoc., 50 E. Huron St., Chicago 60611)

24-26. Aerospace Sciences, 3rd mtg., American Inst. of Aeronautics and Astronautics, New York, N.Y. (AIAA, 1290 Sixth Ave., New York 10019)

24-26. Economic Geology in Massachusetts, conf., Amherst. (O. C. Farquhar, Geology Dept., Univ. of Massachusetts, Amherst 01003)

24-27. Modern Methods of Analytical Chemistry, 19th annual, Louisiana State Univ. symp., Baton Rouge. (P. W. West, LSU, Baton Rouge)

24-27. American Soc. of Heating, Refrigerating, and Air-Conditioning Engi-



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neers, semiannual mtg., Houston, Tex. (ASHRAE, 345 E. 47 St., New York) 24-27. American Meteorological Soc., 46th annual mtg., Denver, Colo. (K. C. Spengler, AMS, 45 Beacon St., Boston, Mass.)

24-28. Animal and Clinical Pharmacologic Techniques in Drug Evaluation, part 1, mtg., Philadelphia, Pa. (J. H. Nodine, Hahnemann Medical College and Hospital, 230 N. Broad St., Philadelphia 19102)

24-30. CNS-Drugs, symp., Regional Research Laboratory, Hyderabad, India. (P. B. Sattur, Regional Research Laboratory, Hyderabad 9)

25. Research and Industrial Applications of the Mössbauer Effect, New York, N.Y. (M. Ress, New England Nuclear Corp., 575 Albany St., Boston, Mass.)

25-27. Reliability, 12th annual symp., Inst. of Electrical and Electronics Engineers, San Francisco, Calif. (A. R. Park, General Precision Inc., 1378 Encinatas Rd., San Marcos, Calif.)

26. Current and Future Problems in Chemistry at High Temperatures, Rice Univ., Houston, Tex. (M. A. Paul, Div. of Chemistry and Chemical Technology, National Acad. of Sciences, Washington, D.C. 20418)

26-27. Sulfur, symp., Wilson Dam, Ala. (V. J. Kilmer, Div. of Agricultural Development, Tennessee Valley Authority, Wilson Dam 35661)

26-28. Light Nuclei, symp., Lyon, France. (R. Radvanyi, Lab. Joliot-Curie de physique nucléaire, Faculté des Sciences, B.P. 1, Orsay, France)

26-28. Mathematical Assoc. of America, 49th annual mtg., Chicago, Ill. (H. M. Gehman, State Univ. of New York, Buffalo 14214)

26-29. American Physical Soc., annual mtg., New York, N.Y. (K. K. Darrow, APS, 335 E. 45 St., New York 10017)

26-29. American Assoc. of Physics Teachers, annual mtg., New York, N.Y. (M. Phillips, Ryerson Physical Laboratory, Univ. of Chicago, Chicago, Ill. 60637)

27-29. American Group Psychotherapy Assoc., Philadelphia, Pa. (AGPA, 1790 Broadway, New York 10019)

27-29. International Medical Assembly of Southwest Texas, San Antonio. (S. E. Cockrell, Jr., 202 W. French Pl., San Antonio 78212)

28-4. Medical Ethics, seminar, London, England. (E. F. Shotter, Ciba Foundation, 41 Portland Pl., London, W.1)

28-29. Proteins, 21st conf., Rutgers Bureau of Biological Research, Rutgers Univ., New Brunswick, N.J. (R. L. Squibb, Rutgers Univ., New Brunswick)

30-4. Institute of Electrical and Electronics Engineers, Power Group, winter mtg., New York, N.Y. (E. C. Day, IEEE, 345 E. 47 St., New York 10017)

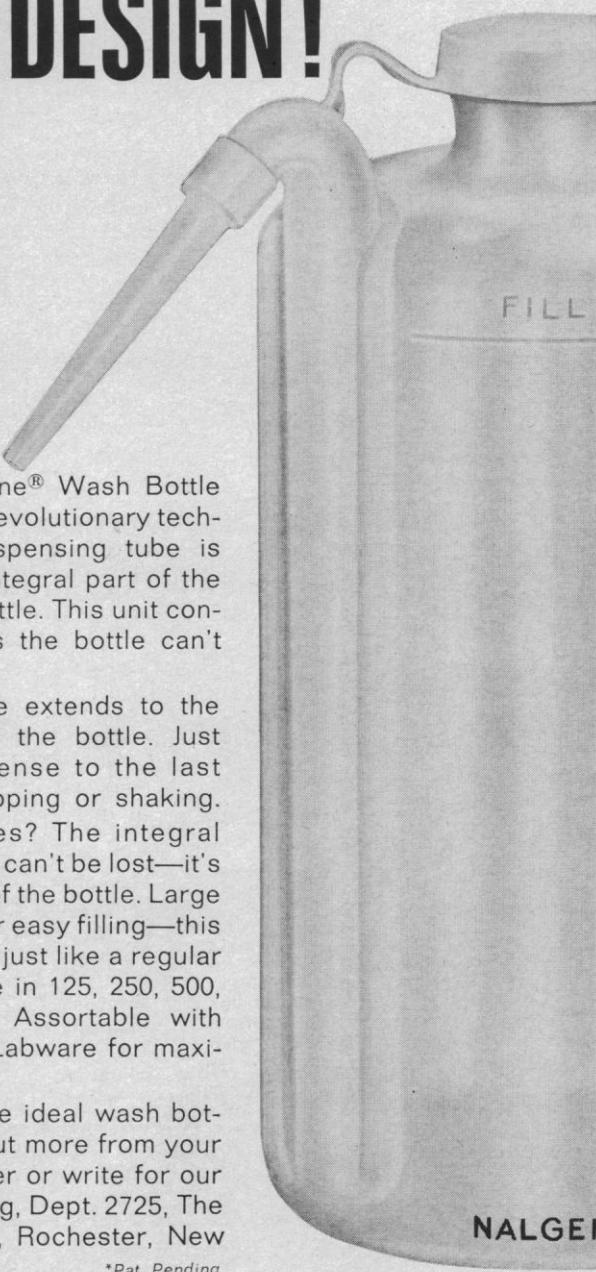
30-4. American Soc. for Testing and Materials, spring mtg., Washington, D.C. (T. A. Marshall, ASTM, 1916 Race St., Philadelphia 3, Pa.)

31-2. Information Theory, intern. symp., Inst. of Electrical and Electronics Engineers, Univ. of California, Los Angeles. (A. V. Balakrishnan, Dept. of Engineering, Univ. of California, Los Angeles 90024)

31-2. Solid Propellant Rockets, 7th conf. (American Inst. of Aeronautics and

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Astronautics, 1290 Sixth Ave., New York 10019)

31-3. Scientific Aspects of Pest Control, symp., Washington, D.C. (Agricultural Board, National Academy of Sciences, 2101 Constitution Ave., NW, Washington)

## February

2-4. Aerospace and Electronic Systems, winter conv., Inst. of Electrical and Electronics Engineers, Los Angeles, Calif. (A. S. Jerrems, Aerospace Group, Hughes Aircraft Co., Culver City, Calif.)

2-6. American College of Cardiology, Chicago, Ill. (W. D. Nelligan, 9650 Rockville Pike, Bethesda, Md. 20014)

3-4. American Chemical Soc., 1st Middle Atlantic regional mtg., Philadelphia, Pa. (Philadelphia Section Office, ACS, 212 Harrison Laboratory, 34th and Spruce St., Philadelphia 19104)

3-9. Medical Education, congr., Chicago, Ill. (W. S. Wiggins, 535 N. Dearborn St., Chicago 60610)

6-9. American Inst. of Chemical Engineers, Dallas, Tex. (The Institute, 345 E. 47 St., New York 10017)

7-8. Perspectives in Virology, 5th mtg., New York, N.Y. (M. Pollard, Lobund Laboratory, Notre Dame, Ind.)

7-9. Reactor Physics in the Resonance and Thermal Regions, mtg., San Diego, Calif. (G. Joanou, General Atomic Corp., P.O. Box 1111, San Diego, 92112)

7-18. World Meteorological Organization, regional assoc. #5, 4th session, Wellington, New Zealand. (WMO, 4 Avenue, Giuseppe Motta, Geneva, Switzerland)

8-9. Cost Aspects of Water Supply, 8th sanitary engineering conf., Urbana, Ill. (J. H. Austin, 203 Civil Engineering Hall, Univ. of Illinois, Urbana 61803)

9-11. Solid State Circuits, 13th annual conf., Philadelphia, Pa. (K. H. Fischer, U.S. Army Electronics Command, Attn: AMSEL-KL-I, Fort Monmouth, N.J.)

10-11. Snow, eastern conf., Hartford, Conn. (G. Ayer, P.O. Box 948, Albany 1, N.Y.)

10-12. Intermediate Energy Physics, conf., College of William and Mary, Williamsburg, Va. (R. T. Siegel, Physics Dept., College of William and Mary, Williamsburg 23185)

13-16. Radiation Research Soc., 14th annual mtg., Coronado, Calif. (F. Smith, Biology Dept., American Univ., Washington, D.C.)

14-16. Transplantation, 7th intern. conf., New York Acad. of Sciences, New York, N.Y. (F. T. Rapaport, New York Univ. Medical Center, 550 First Ave., New York 10016)

14-18. Society of Economic Geologists, New York, N.Y. (J. O. Kalliokoski, Dept. of Geology, Princeton Univ., Princeton, N.J. 08540)

15-17. Radioisotope Applications in Aerospace, symp., Dayton, Ohio. (P. Polishuk, Flight Dynamics Laboratory, Wright-Patterson AFB, Ohio)

15-18. Treatment and Storage of Highly Radioactive Waste, symp., Richland, Wash. (W. H. Regan, Jr., U.S. Atomic Energy Commission, Washington, D.C. 20545)

16-17. Voluntary Health, 2nd natl. conf., Chicago, Ill. (Dept. of Community Health

and Health Education, American Medical Assoc., 535 N. Dearborn St., Chicago, 60610)

16-18. Practical Space Applications, symp., San Diego, Calif. (C. Tross, Box 931, Rancho Santa Fe, Calif.)

16-19. National Soc. of College Teachers of Education, Chicago, Ill. (E. H. Goldenstein, Administration Bldg., 413, Univ. of Nebraska, Lincoln 68508)

16-19. Institute of Management Sciences annual mtg., Dallas, Tex. (W. M. Campbell, Atlantic Refining Co., P.O. Box 2819, Dallas 75221)

17-19. American Educational Research Assoc., Chicago, Ill. (R. A. Dershimer, The Association, 1201 16th St., NW, Washington, D.C. 20036)

18-20. American Psychopathological Assoc., symp., New York, N.Y. (F. A. Freyhan, The Association, Natl. Inst. of Mental Health, c/o St. Elizabeths Hospital, Washington, D.C. 20032)

19. Pleistocene of Ohio, interdisciplinary conf., Ohio Acad. of Science, Columbus. (J. L. Forsyth, Dept. of Geology, Bowling Green State Univ., Bowling Green, Ohio)

21-25. Analytical Chemistry and Applied Spectroscopy, Pittsburgh, Pa. (R. E. Hein, Mellon Inst., 4400 Fifth Ave., Pittsburgh 15213)

21-25. Society for Nondestructive Testing, spring natl. conv., Los Angeles, Calif. (E. L. Criscuolo, U.S. Naval Ordnance Laboratory, White Oak, Silver Spring, Md. 20910)

21-25. Non-Elastic Processes in the Upper Mantle, symp., Upper Mantle Committee, Intern. Union of Geodesy and Geophysics, Newcastle, England. (D. C. Tozer, School of Physics, The University, Newcastle-upon-Tyne, 1, England)

22-26. Canadian Assoc. of Radiologists, 29th annual, Montreal, Quebec. (The Association, 1555 Summerhill Ave., Montreal)

23-25. Biophysical Soc., 10th annual mtg., Boston, Mass. (J. Baruch, Bolt, Beranek and Newman Inc., 50 Moulton St., Cambridge, Mass. 02138)

24-26. American Acad. of Forensic Sciences, Chicago, Ill. (S. R. Gerber, Law-Medicine Center, Western Reserve Univ., Cleveland, Ohio 44106)

24-26. Interdisciplinary Aspects of Radiative Energy Transfer, Philadelphia, Pa. (J. J. Welsh, Space Sciences Laboratory, General Electric Co., Box 8555, Valley Forge, Pa.)

25-26. Thoracic Soc., spring mtg., London, England. (H. M. Foreman, Sully Hospital, Sully, Glamorganshire, England)

27-3. American Inst. of Mining, Metallurgical, and Petroleum Engineers, annual mtg., New York, N.Y. (The Institute, 345 E. 47 St., New York 10017)

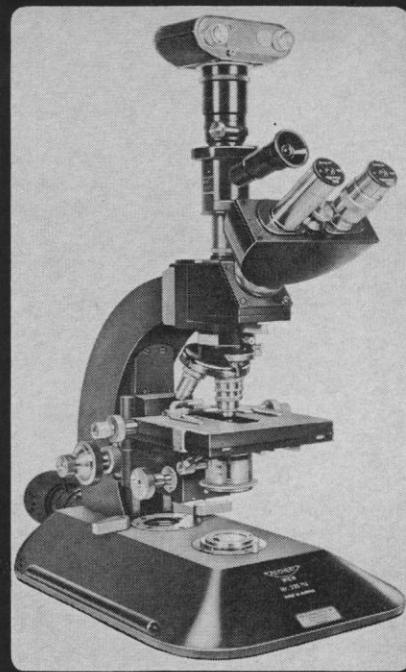
27-4. International Anesthesia Research Soc., Bal Harbour, Fla. (A. W. Friend, 227 Wade Park Manor, Cleveland 6, Ohio)

28-4. Aerial Triangulation, symp., Urbana, Ill. (M. B. Scher, Intern. Soc. for photogrammetry, Commission 3, 9701 East Light Dr., Falls Church, Va.)

28-4. American Crystallographic Assoc., mtg., Univ. of Texas, Austin. (W. L. Kehl, Gulf Research and Development Co., P.O. Drawer 2038, Pittsburgh, Pa. 15230)

28-4. American Assoc. of Junior Colleges, 46th annual conv., St. Louis, Mo. (The Association, 1315 16th St., NW, Washington, D.C. 20036)

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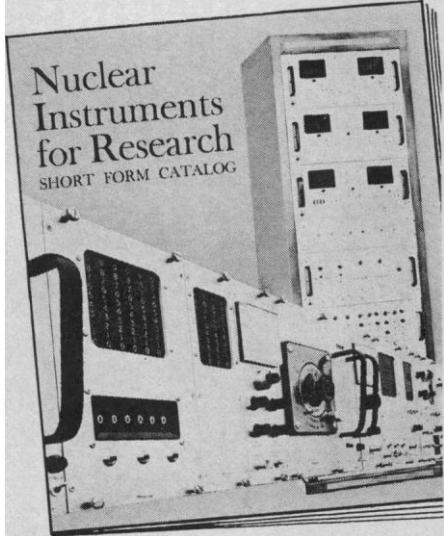
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## March

1-2. **Dairy Engineering**, natl. conf., Michigan State Univ., East Lansing. (C. W. Hall, Agricultural Engineering Dept., Michigan State Univ., East Lansing)

1-3. **Space Maintenance and Extravehicular Activities**, natl. conf., Orlando, Fla. (M. B. Goldman, Mail No. 302, Martin Co., Baltimore, Md. 21203)

1-10. **Industrial Development** in the Arab Countries, regional sym., Kuwait. (Intern. Agency Liaison Branch, Office of the Director General, Food and Agriculture Organization. Via delle terme di Caracalla, Rome, Italy)

2-4. **Air Pollution Medical Research**, AMA conf., Los Angeles, Calif. (Dept. of Environmental Health, American Medical Assoc., 535 N. Dearborn St., Chicago, Ill. 60610)

2-4. **Plasmadynamics**, conf., Monterey, Calif. (American Inst. of Aeronautics and Astronautics, 1290 Sixth Ave., New York 10019)

3-4. **Scintillation and Semiconductor Counters**, 10th symp., Washington, D.C. (W. A. Higinbotham, Brookhaven Natl. Laboratory, Upton, L.I., N.Y.)

3-4. **Louisiana Soc. for Electron Microscopy**, 3rd annual symp., New Orleans. (W. R. Goynes, Southern Regional Research Laboratory, Box 19687, New Orleans)

3-5. **Central Surgical Assoc.**, Chicago, Ill. (C. E. Lischer, 457 N. Kingshighway, St. Louis 8, Mo.)

4-5. **Cineradiology**, 5th symp., Rochester, N.Y. (R. Gramiak, Div. of Diagnostic Radiology, Univ. of Rochester Medical Center, Rochester 14620)

4-6. **American Assoc of Pathologists and Bacteriologists**, 63rd annual mtg., Cleveland, Ohio. (P. Fitzgerald, Downstate Medical Center, 450 Clarkson Ave., Brooklyn 3, N.Y.)

5-7. **Society for American Archaeology**, 31st annual mtg., Univ. of Nevada, Reno. (D. D. Fowler, Dept. of Anthropology, Univ. of Nevada, Reno 89507)

5-10. **International Acad. of Proctology**, 18th annual conv., Miami Beach, Fla. (A. F. Cantor, 147-41 Sanford Ave., Flushing, N.Y. 11355)

6-11. **American Soc. of Photogrammetry**, Washington, D.C. (C. E. Palmer, 5917 Brookview Dr., Brookland Estates, Alexandria, Va.)

7-9. **Fundamental Cancer Research**, 20th annual symp., Univ. of Texas, Houston. (M. Mandel, Dept. of Biology, M. D. Anderson Hospital and Tumor Inst., Univ. of Texas, Houston 77025)

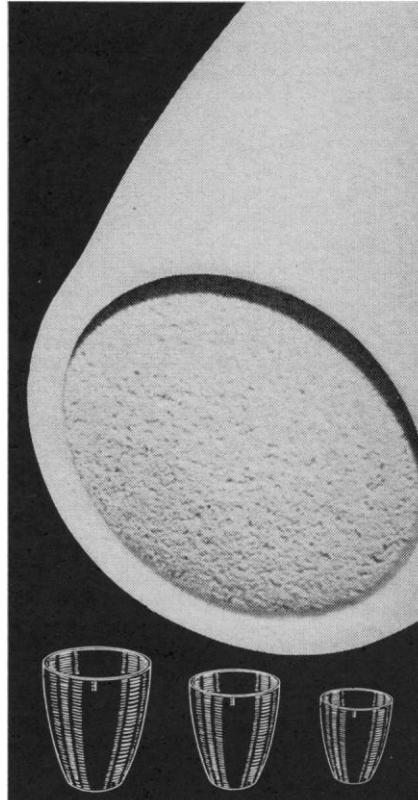
7-9. **Electric Propulsion**, 5th conf., American Inst. of Aeronautics and Astronautics, San Diego, Calif. (A. T. Forrester, Electro-Optical Systems, Inc., 300 N. Halstead St., Pasadena, Calif. 91107)

7-9. **Space**, 3rd congr., Cocoa Beach, Fla. (R. M. Barnes, PAA-Guided Missiles Range Div., Bldg. 423, MU 111, Patrick Air Force Base, Fla.)

7-11. **American Soc. for Metals**, western metal and tool exposition and conf., Los Angeles, Calif. (The Society, Metals Park, Ohio)

7-11. **Society of Plastics Engineers**, 22nd annual technical conf., Montreal, P.Q., Canada. (G. L. Bata, Union Carbide

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7-12. Inter-American Nuclear Energy Commission, 6th mtg., Washington, D.C. (J. D. Perkinson, Jr., Pan American Union, Washington 20006)

8-3. World Meteorological Organization, commission for synoptic meteorology, 4th session, Wiesbaden, Germany. (WMO, 41, avenue Giuseppe Motta, Geneva, Switzerland)

9-11. Ethics in Medical Progress, Ciba Foundation symp., London, England. (Ciba, 41 Portland Pl., London W.1)

9-13. Teaching Machines and Programmed Instruction, intern. symp., Nürtingen, Germany. (Arbeitsgemeinschaft Programmierte Instruktion, Inst. für Kybernetik, Pädagogische Hochschule Berlin, Malteserstr. 74-100, 1 Berlin 46)

10-11. Heat Transfer to Non-Newtonian Fluids, 12th annual heat transfer conf., Oklahoma State Univ., Stillwater. (J. D. Parker, Dept. of Mechanical Engineering, Oklahoma State Univ., Stillwater 74075)

11-13. National Council of Teachers of Mathematics, San Diego, Calif. (J. D. Gates, 1201 16th St., NW, Washington, D.C. 20036)

11-13. National Wildlife Federation, annual mtg., Pittsburgh, Pa. (T. L. Kimball, 1412 16th St., NW, Washington, D.C. 20036)

12-13. Linguistics, 11th natl. conf., Linguistic Circle of New York, New York. (L. Pap, State Univ. College, New Paltz 12561)

14-16. Society of Toxicology, annual scientific mtg., Williamsburg, Va. (C. S. Weil, Mellon Inst., 4400 Fifth Ave., Pittsburgh, Pa. 15213)

14-20. Obstetrics and Gynecology, 8th Australian congr., Hobart. (J. F. Correy, 173 Macquaire St., Hobart)

14-6 May. Extraordinary Administrative Aeronautical Radio conf., 2nd session, Geneva, Switzerland. (Intern. Telecommunication Union, Place des Nations, Geneva)

15-16. Flame Resistant Polymers, conf., London, England. (Secretary, Plastics Inst., 6 Mandeville Pl., London, W.1)

15-18. Optical Soc. of America, spring mtg., Washington, D.C. (M. E. Warga, 1155 16th St., NW, Washington 20006)

17-19. Isobaric Spin in Nuclear Physics, intern. conf., Florida State Univ., Tallahassee. (D. Robson, Dept. of Physics, Florida State Univ., Tallahassee)

18-19. Rural Health, conf., Colorado Springs, Colo. (B. L. Bible, 535 N. Dearborn St., Chicago, Ill. 60610)

18-20. American Psychosomatic Soc. annual mtg., Chicago, Ill. (W. A. Greene, The Society, 265 Nassau Rd., Roosevelt, N.Y. 11575)

21-24. Aerospace Instrumentation, 4th intern. symp., College of Aeronautics, Cranfield, England. (E. K. Merewether, ISA Aerospace Industry Div., 4515 Canoga Ave., Woodland Hills, Calif.)

21-25. Institute of Electrical and Electronics Engineers, intern. conv., New York, N.Y. (IEEE, 345 E. 47 St., New York 10017)

22-23. Biomagnetics, 3rd intern. symp., Univ. of Illinois, Chicago. (M. F. Baranthy, Univ. of Illinois, 833 S. Wood St., Chicago)

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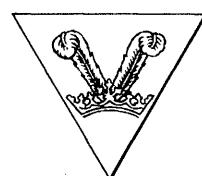
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22-24. Measurement and Applications of **Neutron Cross Sections**, conf., Washington, D.C. (W. W. Havens, Dept. of Physics, Columbia Univ., 538 W. 120 St, New York 10027)

22-31. American **Chemical Soc.**, spring mtg., Pittsburgh, Pa. (ACS, 1155 16th St., NW, Washington, D.C.)

23-25. Institute of **Mathematical Statistics**, Purdue Univ., Lafayette, Ind. (G. E. Nicholson, Jr., Univ. of North Carolina, Chapel Hill)

23-25. Modern Methods of **Weather Forecasting and Analysis**, Chicago, Ill. (J. R. Fulks, U.S. Weather Bureau, 5730 S. Woodlawn Ave., Chicago)

24-26. **Biomathematics and Computer Science** in the Life Sciences, symp., Houston, Tex. (Dean, Div. of Continuing Education, Univ. of Texas Graduate School of Biomedical Sciences, Texas Medical Center, Houston 77025)

24-26. Pediatric and Adolescent **Gynecology**, conf., New York Acad. of Sciences, New York. (W. R. Lang, Jefferson Medical College of Philadelphia, 1025 Walnut St., Philadelphia, Pa.)

24-27. International Assoc. for **Dental Research**, 44th general mtg., Miami, Fla. (G. H. Rovelstad, U.S. Navy Dental School, Natl. Naval Medical Center, Bethesda, Md. 20014)

25-26. National Assoc. of Biology Teachers, western regional conv., Los Angeles, Calif. (The Association, Professional Building, Great Falls, Mont.)

26-27. Arizona **Chest Disease** symp., Tucson. (E. A. Oppenheimer, P.O. Box 6067, Tucson 85716)

26-2. **Stress Analysis**, 3rd intern. conf., Berlin, Germany. (H. Kotthaus, Verein Deutscher Ingenieure, Prinz-Georg Str. 77/79, 4 Düsseldorf 10)

27-30. American Assoc. of **Dental Schools**, Miami Beach, Fla. (R. Sullens, 840 N. Lake Shore Dr., Chicago, Ill.)

28-30. **Great Lakes Research**, 9th conf., Chicago, Ill. (B. M. McCormac, IIT Research Inst., 10 W. 35 St., Chicago 60616)

28-31. Collegium Intern. **Neuro-Psychopharmacologicum**, 5th biennial mtg., Washington, D.C. (M. K. Taylor, 3636 16th St., NW, Washington 20010)

29-31. **Airborne Infection**, 2nd intern. conf., Illinois Inst. of Technology, Chicago. (E. K. Wolfe, U.S. Army Biological Laboratories, Fort Detrick, Frederick, Md. 21701)

29-31. **Applied Meteorology**, 6th natl. conf., Los Angeles, Calif. (B. N. Charles, Booz-Allen Applied Research, 6151 W. Century Blvd., Los Angeles 90045)

29-31. **Chemical Soc.**, anniversary mtgs., Oxford, England. (General Secretary, Burlington House, London W.1)

29-31. **Surface-Active Substances**, intern. conf., Berlin, East Germany. (Inst. für Fettchemie, Deutsche Akademie der Wissenschaften zu Berlin, Rudower Chaussee 5, 1199 Berlin-Adlershof)

29-31. **Symbolic and Algebraic Manipulation**, symp., Assoc. for Computing Machinery, Washington, D.C. (J. E. Sammet, I.B.M. Corp., 545 Technology Sq., Cambridge, Mass. 02139)

29-1. American Assoc. for **Contamination Control**, 5th annual technical mtg., Houston, Tex. (W. T. Maloney, The Association, 6 Beacon St., Boston, Mass. 02108)