A request for an electron-spin resonance instrument is contemplated, Trenner said, since this is now essential for studying the free radical intermediates by which most enzymes are thought to operate.

Trenner hopes soon to be set up for x-ray crystallographic methods that will show what happens when a crystalline solid is allowed to interact with a molecule in solution.

"Someday," Trenner said, "it might be possible to inject low molecular weight substrates into a living cell and monitor what happens by the changing spectroscopic pattern. We hope to use these structural studies to discover new biodynamic substances. But even if we don't succeed in that we should, at a minimum, be able to eliminate many substances that are not biologically active and relieve the animal people of drug assays that require much time and are subject to the uncertainties that follow from the well-known differences of drug reactions among the different species."

T. L. CAMPBELL

#### AAAS

#### References and Notes

- C. Kidson and K. S. Kirby, Nature 203, 599 (1964).
- 2. All photographs by Morris Warman except where otherwise credited.

#### Forthcoming Events

#### August

22-24. Computer and Information Sciences, symp., Columbus, Ohio. (J. T. Tou, Communication Science Research Center, Columbus Laboratories, Battelle Memorial Inst., 505 King Ave., Columbus, Ohio 43201)

22-24. Physiology, 12th Scandinavian congr., Turku, Finland. (K. Hartiala, Dept. of Physiology, Turku Univ., Turku)

22-26. Society of **Photo-Optical Instru**mentation Engineers, 11th annual technical symp., St. Louis, Mo. (R. T. Hedden, 16 Harneywold Dr., St. Louis 63136)

16 Harneywold Dr., St. Louis 63136)
22-26. Poultry Science Assoc., Utah
State Univ., Logan. (C. B. Ryan, Dept. of
Poultry Science, Texas A&M Univ., College Station 77843)

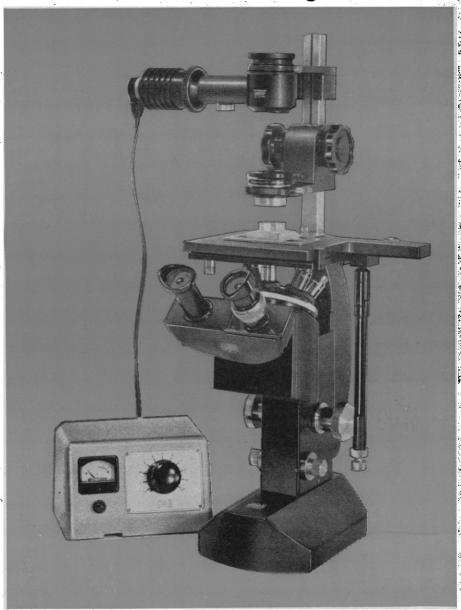
22-27. Food Science and Technology, 2nd intern. congr., Warsaw, Poland. (A. Borys, Inst. Przemysłu Miesnego, Rakowiecka 36, Warsaw 12)

22-27. Pan American Federation of Associations of Medical Schools, 1st general assembly, Bogota, Colombia. (E. Braga, Caixa Postal 26-ZC-39, Rio de Janeiro, GB, Brazil)

22-10. Science, 11th Pacific congr., Tokyo, Japan. (Pacific Science Assoc., Bishop Museum, Honolulu, Hawaii 96819)

23-25. Biological Photographic Assoc.,

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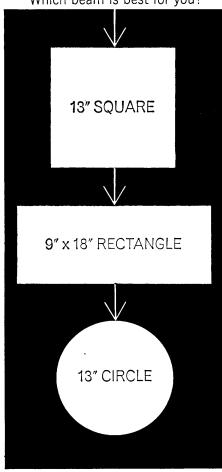


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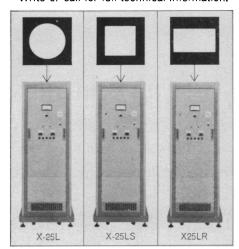


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36th annual mtg., Lexington, Ky. (P. Brook, The Association, Cornell Univ. Medical College, 1300 York Ave., New York, N.Y.)

23-26. Electronics, western show and conv., Los Angeles, Calif. (S. Sensiper, WESCON, 3600 Wilshire Blvd., Suite 1920A, Los Angeles 99005)

23-30. Luminescence, intern. congr., Budapest, Hungary. (G. Szigeti, Research Inst. for Technical Physics, Hungarian Acad. of Sciences, P.O. Box Ujpest 1, No. 76. Budapest)

23-1. Radio Astronomy and the Galactic System, symp.. Noordwijk, Netherlands. (J. H. Oort, University Observatory, Leiden, Netherlands)

24-26. Principles of Radiation Protection, conf., Oak Ridge, Tenn. (Special Projects Office, Oak Ridge Associated Univs., P.O. Box 117, Oak Ridge, Tenn.

24-29. International Soc. of Blood Transfusion, 11th biennial congr., Sydney, Australia. (G. T. Archer, 1 York St., Sydnev)

24-29. Prehistoric and Protohistoric Sciences, 7th intern. congr., Prague, Czechoslovakia. (S. J. De Laet, Seminaire d'Archéologie de l'Université, 2 Blandijnberg, Ghent, Belgium)

25. Scandinavian Pharmacologists, mtg., Turku, Finland. (K. Hartiala, Dept. of Physiology, Turku Univ., Turku)

25-27. Inter-Union Commission on Solar and Terrestrial Relationships, mtg., Belgrade, Yugoslavia. (C. W. Allen, Univ. of London Observatory, Mill Hill Park,

London N.W.7, England)
26-29. Low Temperature Calorimetry, conf., Otaniemi, Finland. (O. V. Lounasmaa, Dept. of Technical Physics, Inst. of Technology, Otaniemi)

26-29. Rural Sociological Soc., annual mtg., Miami, Fla. (J. A. Beegle, Dept. of Sociology and Anthropology, Michigan State Univ., East Lansing)

26-2. Biometeorology, 4th intern. congr., Rutgers Univ., New Brunswick, N.J. (F. Sargent, II, 524 Burrill Hall, Univ. of Illinois, Urbana 61801)

27. American Assoc. of Electromyography and Electrodiagnosis, San Francisco, Calif. (M. K. Newman, 16861 Wyoming Ave., Detroit 21, Mich.)

27-28. Society for the Study of Social Problems. annual mtg., Miami Beach, Fla. (F. F. Lee, Dept. of Sociology and Anthropology. Northeastern Univ., Boston, Mass. 02115)

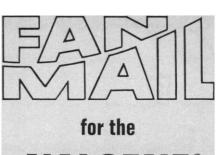
28-1. Association of American Geographers, Toronto, Ont., Canada, (J. K. Hart, 1146 16th St., NW, Washington, D.C. 20036)

28-2. Hormones, Laurentian conf., Mont Tremblant, P.Q., Canada. (J. Sanford, 222 Maple Ave., Shrewsbury, Mass. 01545)

28-4. Electron Microscopy, 6th intern. congr., Kyoto, Japan. (Chairman of the Organizing Committee, Inst. for Virus Research, Kyoto Univ., Kyoto)

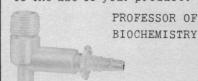
29-1. Technical Information Center Administration, 3rd annual conf., Philadelphia, Pa. (M. Warrington, Graduate School of Library Science, Drexel Inst. of Technology, Philadelphia 19104)

29-31. Preparation and Properties of Electronic Materials for Control of Ra-



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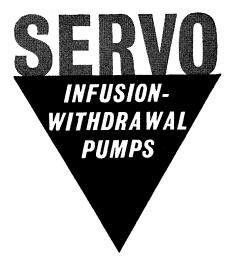


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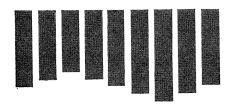
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diative Processes, conf., Boston, Mass. (E. P. Warekois, MIT Lincoln Laboratory, Lexington, Mass. 02173)

29-31. Electronic Materials, conf., Boston, Mass. (American Inst. of Mining, Metallurgical and Petroleum Engineers, 345 E. 47 St., New York 10017)

29-31. Instrumentation in Aerospace Simulation Facilities, 2nd intern. congr., Stanford Univ., Stanford, Calif. (P. L. Clemens, VKF/AP, Arnold Air Force Base Station, Tenn.)

29-31. Mathematical Assoc. of America, Rutgers Univ., New Brunswick, N.J. (H. M. Gehman, State Univ. of New York at Buffalo, Buffalo 14214)

29-31. Metallurgists, 5th annual conf., Toronto, Ont., Canada. (Canadian Inst. of Mining and Metallurgy, 906 Drummond Bldg., 117 St. Catherine St., W., Montreal 2, P.Q.)

29-31. Physical Chemistry of Solids, symp., Univ. of Montreal, Montreal, P. Q., Canada. (W. C. Cooper, Noranda Research Centre, 240 Hymus Blvd., Pointe Claire, P.Q., Canada)

29-31. Solvent Extraction Chemistry, intern. conf., Göteborg, Sweden. (The Conference, Dept. of Chemistry, Gibraltar-

gatan 5 H, Göteborg S)
29-31. **Textiles**, Canadian seminar, Queens Univ., Kingston, Ont. (Textile Technical Federation of Canada, 4795 St. Catherine St., W. Westmount, Montreal,

29-1. American Sociological Assoc., Miami Beach, Fla. (E. H. Volkart, 1001 Connecticut Ave., NW, Washington, D.C.)

29-2. Internal Medicine, Czechoslovak congr., Prague, Czechoslovakia. (O. Riedl, 4th Medical Clinic, Faculty of General Medicine, Charles Univ., U Nemocnice 2n, Prague 2)

29-2. American Mathematical Soc., Rutgers Univ., New Brunswick, N.J. (G. L. Walker, The Society, P.O. Box 6248, Providence, R.I.)

29-2. Neutron Monitoring for Radiological Protection, symp., Vienna, Austria. (S. Somasundaram, Div. of Health, Safety, and Waste Disposal, Intern. Atomic Energy Agency, Vienna)

29-2. Operations Research, 4th intern. conf., MIT, Cambridge, Mass. (K. D. Tocher, United Steel Co., Cybor House, 1-5 Tapton Hall Rd., Sheffield, England)

29-2. American Physiological Soc., fall mtg., Baylor Univ., Houston, Tex. (The Society, 9650 Wisconsin Ave., Washington, D.C. 20014)

29-2. Solar-Terrestrial Physics, inter-Union symp., Belgrade, Yugoslavia. (E. Herbays, Intern. Scientific Radio Union, 7, pl. Emile Danco, Brussels 18, Belgium)

29-3. Problems of Animal Nutrition and Feed Production, symp., Brno, Czechoslovakia. (Vlad. Sevcik, Research Inst. for Animal Nutrition, Feed Science and Technology, Ministry of Agriculture, Pohorelice, Czechoslovakia)

29-3. Palynology, 2nd intern. conf., Utrecht, Netherlands. (F. P. Jonker, State Univ., Botanical Museum and Herbarium, Lange Niewatraat 106, Utrecht)

29-23. Photogrammetry in the Measurement of the Earth's Surface, symp., Prague, Czechoslovakia. (L. Skladal, Intern. Soc. for Photogrammetry, Hybernska 2, Prague 1)

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30-1. Association for Computing Machinery, 21st natl. conf., Los Angeles, Calif. (B. R. Parker, P.O. Box 4233, Panorama City, Calif. 91412)

30-1. Society of General Physiologists, Marine Biological Laboratory, Woods Hole, Mass. (E. E. Clark, Box 43 Pupin, Columbia Univ., New York 10027)

30-2. Collection and Processing of Field Data, symp., Canberra, Australia. (E. F. Bradley, Div. of Plant Industry, P.O. Box 109, Canberra)

30-2. Institute of Mathematical Statistics, annual mtg., Rutgers Univ., New Brunswick, N.J. (J. R. Rosenblatt, A337 Admin., Gaithersburg, Natl. Bureau of Standards, Washington, D.C. 20234)

30-3. International Mineralogical Assoc., 5th general mtg., Cambridge, England. (C. E. Tilley, Dept. of Mineralogy and Petrology, Downing Pl., Cambridge)
31-2. Synthesis, symp., Chemical Inst.

31-2. Synthesis, symp., Chemical Inst. of Canada, organic div., Banff, Alta. (R. W. Bachelor, Dept. of Chemistry, Univ. of Alberta, Calgary)

31-3. German Soc. for the History of Medicine, Physical Science, and Technology, 49th annual mtg., Braunschweig, West Germany. (A. Hermann, The Society, Deutsches Museum, 8 Munich 26, West Germany)

31-3. Society of General Physiologists, annual mtg., Marine Biological Laboratory, Woods Hole, Mass. (Miss E. E. Clark, The Society, Marine Biological Lab., Woods Hole 02543)

31-6. Low Temperature Physics, 10th intern. conf., Moscow, U.S.S.R. (V. P. Peshkov, Inst. for Physical Problems, Acad. of Sciences of the U.S.S.R., Lenin Prospekt, Moscow)

31-7. High Energy Physics, 13th intern. conf., Univ. of California, Berkeley. (T. H. Chenoweth, Lawrence Radiation Laboratory, Univ. of California, Berkeley 94720)

#### September

1-3. Genetics Soc. of America, Chicago, Ill. (R. P. Wagner, Dept. of Zoology, Univ. of Texas, Austin)

1-5. International College of Angiology, 8th annual mtg., Madrid, Spain. (H. E. Shaftel, 50 Broadway, New York, N.Y. 10004)

2-4. Czechoslovak Soc. of Arts and Sciences in America, 3rd congr., New York, N.Y. (R. Sturm, Skidmore College, Saratoga Springs, N.Y. 12866)

2-6. American **Psychological** Assoc., 74th annual mtg., New York, N.Y. (A. H. Brayfield, 1200 17th St., NW, Washington, D.C. 20036)

2-6. **Psychometric** Soc., mtg., New York, N.Y. (W. G. Mollenkopf, Procter and Gamble Co., Box 599, Cincinnati, Ohio 45201)

3-5. International Soc. for the **History** of Pharmacy, 40th conf., Heidelberg, Germany. (W. Luckenbach, Friederich-Ebert-Anlage 23a, Postfach 1109, 69 Heidelberg 1 West Germany)

3-7. Solid State Science, intern. conf., American Univ., Cairo, Egypt. (A. Bishay, Dept. of Physical Sciences, American Univ. in Cairo, 113 Kasr El Aini St., Cairo, UAR)

4-9. American Phytopathological Soc.,



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Caribbean Div., 6th annual mtg., Maracay, Venezuela. (G. Malaguti, Centro de Investigaciones Agronomicas Apartado Postal 4690, Maracay)

4-11. Sociology, 6th world congr., Evian, France. (G. G. Reader, Dept. of Medicine, Cornell Univ. Medical College, 1300 York Ave., New York 10021)

5-7. Rare Earths, conf., Inst. of Physics and the Physical Soc., Univ. of Durham, Durham, England. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London S.W.1)

5-8. American **Ornithologists'** Union, mtg., Univ. of Minnesota, Duluth. (L. R. Mewaldt, Dept. of Biological Sciences, San Jose College, San Jose, Calif. 95114)

5-9. Biophysics, 2nd intern. congr., Vienna, Austria. (A. K. Solomon, Biophysical Laboratory, Harvard Medical School, Boston, Mass. 02115)

5-9. Coordination Chemistry, intern. conf., St. Moritz, Switzerland. (G. Schwarzenbach, Eidg. Technical High School, Zurich)

5-9. Use of Isotopes in Plant Nutrition and Physiology Studies, symp., Vienna, Austria. (J. H. Kane, Conferences Branch, Div. of Technical Information, U.S. Atomic Energy Commission, Washington, D.C. 20545)

5-9. Polar Meteorology, symp., Geneva, Switzerland. (K. K. Langlo, World Meteorological Organization, 41 Ave. Giuseppe-Motta, 1200, Geneva)

5-9. Water Pollution Research, 3rd intern. conf., Munich, Germany. (B. B. Berger, Box 5557, Friendship Station, Washington, D.C. 20016)

5-10. Human Genetics. 3rd intern. congr., Univ. of Chicago, Chicago, Ill. (B. S. Strauss, Dept. of Microbiology, Univ. of Chicago, Chicago 60637)

5-10. Insect Pathology, intern. colloquium, Wageningen, Netherlands. (P. Grison, Laboratoire de Biocoenotique et de Lutte Biologique, La Minière par Versailles, Seine-et-Oise, France)

5-10. International Radiation Protection Assoc., first intern. congr., Rome, Italy. (C. Polvani, Casella Postale 2359, Rome)

5-11. **Psychiatry**, 4th world congr., Madrid, Spain. (Chair of Psychiatry, Faculty of Medicine, Univ. of San Carlos, Calle Atocha 106, Madrid)

5-11. Vital Substances, Nutrition, and Civilization Diseases, 12th intern. conv., Charleroi, Belgium. (H. A. Schweigart, Intern. Soc. for Research on Nutrition and Vital Substances, Bermeroder str., 61, Hannover, Kirochrode, West Germany)

5-13. International Committee of Electrochemical Thermodynamics and Kinetics, 17th mtg., Tokyo and Kyoto, Japan. (M. Fleischmann, Dept. of Physical Chemistry, Univ. of Newcastle upon Tyne, Newcastle upon Tyne 1, England)

15-17. Rock Mechanics, 8th symp., Minneapolis, Minn. (Symposium Committee, Univ. of Minnesota, Minneapolis 55414)

5-19. International Scientific Radio Union, 15th general assembly, Munich, Germany. (E. Herbays, 7, pl. Emile Danco, Brussels 18, Belgium)

6-8. Selenium in Biomedicine, intern. symp., Corvallis, Ore. (O. H. Muth, DVM Nutrition Research Inst., Oregon State Univ., Corvallis 97331)

6-9. Bacterial Intestinal Infectious Dis-

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6-10. Molecular Structure and Spectroscopy, mtg., Ohio State Univ., Columbus. (R. N. Rao, Dept. of Physics, Ohio State

Univ., Columbus 43210)

6-10. American Political Science Assoc., mtg., New York, N.Y. (E. M. Kirkpatrick, 1726 Massachusetts Ave., NW, Washington, D.C.)

6-10. Radiochemistry, 4th Czechoslovak conf., Bratislava, Czechoslovakia. (Nuclear Chemistry Section, Czechoslovak Chemical Soc., Hradčanské nám 12, Prague 1)

6-11. Magnetic Resonance and Relaxation, intern. conf., Ljubljana, Yugoslavia. (R. Blinc, Nuclear Inst. "J. Stefan", Ljubljana)

7-9. Aerodynamic Deceleration Systems, conf., Houston, Tex. (R. S. Ross, Goodyear Aerospace Corp., 1210 Masillon Rd., Akron, Ohio 44315)

7-9. Influence of Synthetics and Pesticides on Food Chemistry, symp., Aachen, Germany. (German Chemical Soc., Geschaftsstelle, 6 Frankfurt am Main, Postfach 9075, Germany)

7-10. National Agricultural Chemicals Assoc., 33rd annual mtg., White Sulphur Springs W. Va. (The Society, 1155 15th St. NW, Washington, D.C. 20005)

7-10. American Geophysical Union, 6th western natl. mtg., Los Angeles, Calif. (AGU, 1145 19th St. NW, Washington, D.C. 20036)

D.C. 20036)
7-10. Internal Medicine, intern. conf.,
Amsterdam, Netherlands. (Secretariat,
Holland Organizing Center, 16, Lange
Voorhout, The Hague)

7-10. Invertebrates and the Chemistry of Learning, symp., Michigan State Univ., East Lansing. (W. C. Corning, Fordham Univ., Bronx, N.Y.)

7-10. Space Simulation, conf., Houston, Texas. (A. C. Bond, Code EA, NASA Manned Spacecraft Center, Houston 77058)

8-10. Atherosclerosis and the Reticulo-Endothelial System, intern. symp., Como, Italy. (R. Paoletti, Inst. of Pharmacology, Via Vanvitelli n. 32, Milan)

8-10. International Soc. of **Geographical Pathology**, 9th conf., Leiden, Netherlands. (Secretariat, Holland Organizing Centre, 16, Lange Voorhout, The Hague)

8-10. Parapsychological Assoc., 9th annual conv., New York, N.Y. (J. G. Pratt, Box 152, Univ. of Virginia Hospital, Charlottesville 22901)

8-13. Semiconductor Physics, intern. conf., Kyoto, Japan. (G. M. Hatoyama, Physical Soc. of Japan, Hongo P.O. Box 28, Tokyo)

9-10. Instrumentation for High Energy Physics, intern. conf., Stanford, Calif. (D. W. Dupen, Stanford Linear Accelerator Center, P.O. Box 4349, Stanford, Calif. 94305)

9-10. Scandinavian Neurosurgical Soc., 19th annual mtg., Gothenburg, Sweden. (G. Norlen, Sahlgrenska Sjukhus, Gothenburg)

10-21. Industrial Chemistry, 36th intern. congr., Brussels, Belgium. (A. Guilmot, 49, Sq. Marie-Louise, Brussels 4)

11-15. Cell, Tissue, and Organ Culture,

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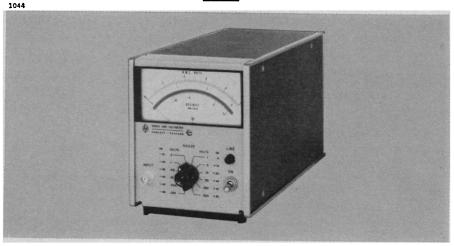
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2nd conf., Tissue Culture Assoc., Bedford, Pa. (V. J. Evans, Natl. Cancer Inst., NIH, Bethesda, Md. 20014)

11-16. American Chemical Soc., 152nd natl. mtg., New York, N.Y. (The Society, 1155 16th St. NW, Washington, D.C.) 11-16. International Soc. of Orthopedic

Surgery and Traumatology, 10th mtg., Paris, France. (P. Lance, 34 rue Montoyer, Brussels, Belgium)

11–17. International Soc. for Rehabili-

11-17. International Soc. for Rehabilitation of the Disabled, 10th world congr., Wiesbaden, Germany. (S. G. Whittier, Natl. Soc. for Crippled Children and Adults, 2023 W. Ogden Ave., Chicago, Ill. 60612)

11-18. Comparative Pathology, intern. congr., Beirut, Lebanon. (J. K. Frenkel, Dept. of Pathology and Oncology, Univ. of Kansas Medical Center, Kansas City 66103)

12-13. Chromatography and Electrophoresis, 4th intern. symp., Brussels, Belgium. (Belgian Soc. of Pharmaceutical Sciences, 11, rue Archimède, Brussels 4)

12-14. American Fisheries Soc., Kansas City, Mo. (R. F. Hutton, The Society, 1404 New York Ave., Washington, D.C.) 12-14. Physics of Free Atoms, conf., Berkeley, Calif. (V. W. Cohen, Physics,

Berkeley, Calif. (V. W. Cohen, Physics, Dept. Brookhaven Natl. Laboratory, Upton, N.Y. 11973)

12-14. Society for Industrial and Applied Mathematics, fall mtg., Stony Brook, N.Y. (A. H. Zemanian, Dept. of Applied Analysis, State Univ. of New York, Stony Brook 11790)

12-14. Production and Applications of Intense Magnetic Fields, intern. colloquium, Grenoble, France. (National Center of Scientific Research, 15, quai Anatole France, Paris 7)

12-15. Sarcoidosis, 4th intern. conf.,

12-15. Sarcoidosis, 4th intern. conf., Paris, France. (J. Chretien, Hospital Cochin, rue Faubourg St.-Jacques, Paris 14)

12-15. Society of American Foresters, 66th annual mtg., Seattle, Wash. (The Society, 1010 16th St. NW, Washington, D.C. 20036)

12-16. International Council of the Aeronautical Sciences, 5th congr. London, England. (American Inst. of Aeronautics and Astronautics, 1290 Sixth Ave., New York 10019)

12-16. Ecological Archives and Methods of Analysis, intern. conf., Evian, France. (Intern. Social Science Council, 6 rue Franklin, Paris 16, France)

12-16. Nuclear Radiation and X-ray Chemistry, symp., Jalich, Germany. (German Chemical Soc., Geschaftsstelle, 6 Frankfurt am Main 9, Postfach 9075, Germany)

12-16. Radiation Measurements in Nuclear Power, conf., Berkeley, England. (K. F. Orton, Berkeley Nuclear Laboratories, Berkeley)

12-16. Vaccines Against Viral and Rickettsial Diseases of Man, intern. conf., Washington, D.C. (Pan American Sanitary Bureau, 525 23rd St., NW, Washington, D.C. 20037)

12-17. Angiology, 8th Latin American congr., Caracas, Venezuela. (J. Morales Rocha, avda. Diego de Lazada 12, San Bernardino, Caracas)

12-17. Insect Chemistry, European conf., Milan, Italy. (Polytechnical Inst. of Milan, Piazza Leonardo da Vinci 32, Milan)

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12-17. Nuclear Physics, intern. conf., Gatlinburg, Tenn. (A. Zucker, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn. 37831)

13-16. Antarctic Oceanography, symp., Santiago, Chile. (H. Mosby, Geophysics

Inst., Bergen, Norway)

14-16. Deformation and Flow in High Polymer Systems, conf., Loughborough, England. (R. E. Wetton, Dept. of Chemistry, Loughborough College of Technology, Loughborough, England)

14-18. International Federation of Operational Research Soc., 4th intern. conf., Cambridge, Mass. (P. M. Morse, Room 6-107. Massachusetts Inst. of Technology, Cambridge 02139)

14-21. Neurobiology, symp., Stockholm, Sweden. (UNESCO, Pl. de Fontenoy, Paris 7, France)

15-16. Pyrolysis-Gas Chromatography, symp., Paris, France. (G. Guichon, Ecole Polytechnique, 17 rue Descartes, Paris 53)

17-24. Pharmaceutical Sciences, 26th intern. congr., Madrid, Spain. (J. H. M. Winters, Alexanderstraat 111, The Hague, Netherlands)

18-21. American Inst. of Chemical Engineers, 58th natl. mtg., Atlantic City, N.J. (Asst. Secretary, 345 E. 47 St., New York 10017)

18-24. International Soc. of Gastroenterology, 5th world congr., Tokyo, Japan. (Secretary General, School of Medicine, Jikei Univ., Atago-cho, Shiba, Minato-Ku, Tokyo)

18-24. Veterinary Medicine and Zootechnic, 5th Pan American congr., Caracas, Venezuela, (P.O. Box 5212, Chacao, Caracas)

19-21. Instrumental Optics and Optical Design, conf., Chelsea College of Science and Technology, Chelsea, England. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London, S.W.1, England)

19-22. Cybernetic Medicine, 4th intern. congr., Nice, France. (Dr. Cossa, 29 boul.

Victor-Hugo, Nice)

19-22. Applications of Electronic Engineering to Oceanography, conf., Southampton, England. (Inst. of Electronic and Radio Engineers, 8-9 Bedford Sq., London, W.C.1, England)

19-22. Neurobiologists, 4th intern. mtg., Stockholm, Sweden. (Secretary General, Nobel Inst. for Neurophysiology, Karolinska Inst., Stockholm 60)

19-23. American Soc. of Oral Surgeons, mtg., Chicago, Ill. (E. Larson, 211 E. Chicago Ave., Chicago)

19-24. Boundary Layers and Turbulence, symp., Kyoto, Japan. (I. Tani, Inst. of Space and Aeronautical Science, Univ. of Tokyo)

19-24. International Federation for **Documentation**, 32nd conf., The Hague, Netherlands. (Organizing Secretary, 7

Hofweg, The Hague)

20-22. Tube Techniques, 8th conf.,
Inst. of Electrical and Electronics Engineers, electron devices group, New York, N.Y. (R. J. Bondley, General Electric Co., Schenectady, N.Y.)

20-23. Comminution, 2nd symp., European Federation of Chemical Engineering, Amsterdam, Netherlands. (Congress Bureau, 3 Sint Agnietenstraat, Amsterdam)

20-23. Gas Chromatography and Associated Techniques, intern. symp., Rome,

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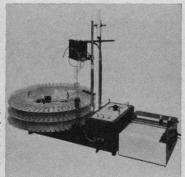
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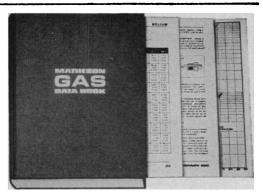
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Participants: Owen Chamberlain, Barry Commoner, Wolfgang K. H. Panofsky, Fred A. Payne, Anatol Rapoport, John Howard Rust, Victor W. Seidel, Edward Teller, and Eugene P. Wigner.

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#### **AAAS**

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Italy. (A. B. Littlewood, School of Chemistry, The University, Newcastle on Tyne 1, England)

20-23. Immunity, Cancer, and Chemotherapy, intern. symp., Buffalo, N.Y. (E. Mihich, Roswell Park Memorial Inst., Buffalo 14203)

21-22. Significance of Water Composition, natl. symp., American Soc. for Testing and Materials, Philadelphia, Pa. (The Society, 1916 Race St., Philadelphia)

21-23. Aerodynamic Testing, conf., Los Angeles, Calif. (R. E. Covey, Jet Propulsion Laboratory, 4800 Oak Ridge Dr., Pasadena, Calif. 91103)

21-23. International Assoc. of Geochemistry and Cosmochemistry/Intern. Union of Geological Sciences, mtg., Paris, France. (UNESCO, Pl. de Fontenoy, Paris

21-23. Molecular Motion in Solids, Liquids, and Gases by Magnetic Resonance, mtg., Canterbury, England. (E. F. W. Seymour, British Radio Spectroscopy Group, School of Physics, Univ. of War-

wick, Coventry, England)
21-23. Nuclear and Particle Physics, conf., Univ. of Glasgow, Glasgow, Scotland. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London S.W.I, England)
21-23. Origin and Abundance-Distribu-

21–23. Origin and Abundance-Distribution of the Elements, symp., UNESCO headquarters, Paris, France. (W. D. Page, Div. of Earth Sciences, Natl. Acad. of Sciences, 2101 Constitution Ave., Washington, D.C. 20418)

21-23. Origin and Distribution of the Elements, symp., Paris, France. (E. Ingerson, Dept. of Geology, Univ. of Texas, Austin 78712)

21-23. Supermolecular Structure in Fibers, 25th conf., Fiber Society, Boston, Mass. (L. Rebenfeld, Textile Research Inst., P.O. Box 625, Princeton, N.J.)

21-24. New Methods of Stellar Dynamics, colloquium, Besançon, France. (Assistant Secretary, Intern. Astronomical Union, Observatory of Nice, Le Mont-Gros, Nice, France)

21-29. International Atomic Energy Agency, 10th general conf., Vienna, Austria. (IAEA, Kärntnerring 11, Vienna 1)

22-24. American College of Cardiology, regional mtg. Univ. of Florida, Gainesville. (M. W. Wheat, Jr., Div. of Postgraduate Education, Univ. of Florida College of Medicine, Gainesville 32601)

22-24. Muscle Circulation, symp., Smolenice, Czechoslovakia. (O. Hudlická, Inst. of Physiology, Czechoslovak Acad. of Sciences, Budějovická 1083, Prague 4)

23-1. American Soc. of Clinical Pathologists, Chicago, Ill. (Secretary, 445 North Lake Shore Dr., Chicago 11, Ill.)

24-26. Phage Genetics and Physiology, mtg., Naples, Italy. (Organizing Committee, Intern. Laboratory of Genetics and Biophysics, Naples)

25-28. Gastrointestinal Radiation Injury, symp., Richland, Wash. (M. F. Sullivan, Biology Dept., Battelle-Northwest, P.O. Box 999, Richland 99352)

25-29. Water Pollution Control Federation, 39th mtg., Kansas City, Mo. (R. E. Fuhrman, 4435 Wisconsin Ave., NW, Washington, D.C. 20016)

25-30. Nephrology, 3rd intern. congr., Washington, D.C. (Secretariat, 9650 Wisconsin Ave., Washington, D.C. 20014)



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26-27. Engineering Management, 14th annual joint conf. (JEMC), Washington, D.C. (H. M. Sarasohn, IBM Corp., Armonk, N.Y. 10504)

26–27. Prospects for Simulation and Simulators of Dynamic Systems, symp., Baltimore, Md. (S. Burik, MS 452A, Westinghouse Electric Corp., P.O. Box 746. Baltimore 21203)

26-28. Colloid Stability in Aqueous and Nonaqueous Media, mtg., Faraday Soc., Univ. of Nottingham, Nottingham, England. (The Society, 6 Gray's Inn Sq., London W.C.1, England)

26-28. Nonconventional Energy Conversion Applications, first conf., Los Angeles, Calif. (R. E. Henderson, Research Manager, Applied Sciences, Allison Div., General Motors Corp., Indianapolis, Ind. 46202)

26-28. Organic Geochemistry, 3rd intern. mtg., Imperial College of Science and Technology, London, England. (G. D. Hobson, Geology Dept. Imperial College of Science and Technology, London S.W.7)

26-28. Point Defects in Non-Metallic Solids, mtg., British Ceramic Soc., Falmer, England. (J. P. Roberts, Houldsworth School of Applied Science, Univ. of Leeds, Leeds 2, England)

26-30. Animal Care Panel, 17th annual mtg., Chicago, Ill. (J. J. Garvey, 4 E. Clinton St., Joliet, Ill. 60434)

26-30. Health Physics, 2nd autumn symp., Pecs, Hungary. (Eötvös Lorańd Fizikai Társulat, Szbadság ter 17, Budapest 5)

26-3. Bionic Models of the Animal Sonar System, symp., Frascati, Italy. (R. G. Busnel Laboratory of Acoustical Physiology, Domaine de Vilvert, Jouy-en-Josas, Seine-et-Oise France)

27-29. Analytical Chemistry in Nuclear Technology, conf., Gatlinburg, Tenn. (L. J. Brady, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn. 37830)

27-29. Society for General Microbiology, mtg., Bristol, England. (Soc. for Visiting Scientists, 19 Albemarle St., London W.1. England)

don W.1, England)
27-29. Vestibular and Kinaesthetic
Mechanisms, symp., London, England.
(Ciba Foundation, 41 Portland Pl., London W.1)

28-30. Energy Beams, conf., Univ. of York, York, England. (Meetings Officer, Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London S.W.1)

28-30. Marine Geodesy, Present and Future, intern. symp., Columbus, Ohio. (A. G. Mourad, Columbus Laboratories, Battelle Memorial Inst., 505 King Ave., Columbus 43201)

28-4. Macromolecular Chemistry, intern. symp., Tokyo and Kyoto, Japan. (Organizing Committee, C.P.O. Box 1966, Tokyo)

29-1. Association of Clinical Pathologists, autumn mtg., London, England. (Dr. Sandler, Queen Charlotte's Maternity Hospital, 339-351 Goldhawk Rd., London W.6)

29-2. American Medical Writers' Assoc., mtg., New York, N.Y. (J. E. Bryan, 2000 P St., NW, Washington, D.C. 20036)

30-1. Medical Library Assoc., southern regional group mtg., Winston-Salem, N.C. (The Association, 919 N. Michigan Ave., Chicago, Ill.)

#### NEW BOOKS

(Continued from page 406)

stitute of Human Relations and the Tavistock Clinic and deals with brief separations of children from their parents.

Central Places in Southern Germany. Walter Christaller. Translated from the German edition by Carlisle W. Baskin. Prentice-Hall, Englewood Cliffs, N.J., 1966. 240 pp. Illus. \$9.95.

Le conditionnement operant. Une introduction et un guide à la recherche de laboratoire. Marc Richelle. Delachaux and Niestlé, Neuchâtel, Switzerland, 1966. 221 pp. Illus. Paper. Actualités Pédagogiques et Psychologiques.

Daydreaming: An Introduction to the Experimental Study of Inner Experience. Jerome L. Singer. Random House, New York, 1966. 256 pp. Paper, \$2.25. Studies in Psychology Series.

The Economics of Delinquency. Belton M. Fleisher. Quadrangle Books, Chicago, 1966. 127 pp. Illus. \$4.50.

Education for Positive Mental Health. James A. Davis. Aldine, Chicago, 1965. 206 pp. Illus. \$6.95. National Opinion Research Center Monographs in Social Research Series.

Honour and Shame: The Values of the Mediterranean Society. J. G. Peristiany, Ed. Univ. of Chicago Press, Chicago, 1966. 266 pp. Illus. \$5. Nature of Human Society Series. Six papers: "Honour and social status" by Julian Pitt-Rivers; "Honour and shame: A historical account of several conflicts" by Julio Caro Baroja; "Honour and the devil" by J. K. Campbell; "Honour and shame in a Cypriot highland village" by J. G. Peristiany; "The sentiment of honour in Kabyle society" by Pierre Bourdieu; and "Honour and shame among the Bedouins of Egypt" by Ahmed Abou-Zeid.

**Input-Output Economics.** Wassily Leontief. Oxford Univ. Press, New York, 1966. 269 pp. Illus. \$8.50.

Intelligence and Affectivity in Early Childhood. An experimental study of Jean Piaget's object concept and object relations. Therésè Gouin Décarie. Translated by Elisabeth Pasztor Brandt and Lewis Wolfgang Brandt. International Universities Press, New York, 1966. 246 pp. Illus. \$5.

The Intelligence of Democracy: Decision Making Through Adjustment. Charles E. Lindblom. Free Press, New York, 1965. 360 pp. \$7.50.

Modernization and the Structure of Societies: A Setting for International Affairs. vols. 1 and 2. Marion J. Levy, Jr. Princeton Univ. Press, Princeton, N.J., 1966. vol. 1, 394 pp.; vol. 2, 492 pp. Illus. \$22.50 set.

New Horizons in Psychology. Brian M. Foss, Ed. Penguin Books, Baltimore, 1966. 447 pp. Illus. Paper, \$1.65. Twenty-one papers on the following topics: Perception, Thinking, and Communication (8 papers); Origins of Behaviour (3 papers); Physiological and Psychological States (3 papers); Learning and Training (4 papers); and Personality and Social Psychology (3 papers).

Operant Behavior: Areas of Research and Application. Werner K. Honig, Ed.