

upon a structure given a knowledge of the wave spectrum, the determination of the transfer function for a given structure, and the effect of nonlinearities.

RUSSELL L. SNYDER

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Notes

1. Conference supported by NSF grant GM-5. Report is contribution No. 622 from the Marine Laboratory, Institute of Marine Science.

Forthcoming Events

August

24-28. **Electron Microscope Soc.**, 23rd annual, New York, N.Y. (L. Ross, Anatomy Dept., Cornell Univ. Medical College, 1300 York Ave., New York)

25-27. **Gas Dynamics**, 6th biennial conf., Evanston, Ill. (A. B. Cambel, Gas Dynamics Symp., Northwestern Univ., Evanston 60201)

25-27. **Thymus**, Ciba Foundation symp., Melbourne, Australia. (Ciba, 41, Portland Place, London, W.1, England)

25-27. **X-Ray Analysis**, 14th annual conf., Denver, Colo. (Metallurgy Div., Denver Research Inst., Univ. of Denver, Denver 80210)

25-28. **Systems Engineering for Control System Design**, Tokyo, Japan. (H. M. Paynter, Mechanical Engineering Dept., Massachusetts Inst. of Technology, Cambridge 39)

25-28. **Photochemistry**, intern. conf., Tokyo, Japan. (I. Tanada, Laboratory of Physical Chemistry, Tokyo Inst. of Technology, Ookayama, Meguro-ku, Tokyo)

25-28. **International Psychocological Soc.**, Halifax, N.S., Canada. (E. G. Young, Natl. Research Council of Canada, Halifax)

25-28. **Seaweed**, 5th intern. symp., Halifax, N.S., Canada. (E. G. Young, Natl. Research Council of Canada, Halifax)

26-28. **Helium Superfluidity**, symp., St. Andrews, Scotland. (J. F. Allen, St. Andrews Univ., St. Andrews)

26-28. **Neurovirulence**, symp., Munich, Germany. (Permanent Section of Microbiological Standardization, Intern. Assoc. of Microbiological Societies, Inst. d'Hygiène, Geneva, Switzerland)

26-28. **National Council of Teachers of Mathematics**, Vancouver, B.C., Canada. (J. D. Gates, 1201 16th St., NW, Washington, D.C. 20036)

29-2. **American Assoc. of Clinical Chemists**, 17th natl., Chicago, Ill. (M. E. Hanke, 8424 Rhodes Ave., Chicago)

29-2. **Illuminating Engineering Soc.**, New York, N.Y. (A. D. Hinckley, 345 East 47 St., New York 10017)

29-3. **AAAS, Laurentian Hormone Conf.**, Mont Tremblant, Quebec, Canada. (J. C. Foss, Laurentian Hormone Conf., 222 Maple Ave., Shrewsbury, Mass.)

29-10. **Forest Hydrology**, intern. symp., Pennsylvania State Univ., University Park. (W. E. Sopper, School of Forestry, Pennsylvania State Univ., University Park)

30-31. **Past and Future of Science**, symp., Krakow, Poland. (B. Suchodolski, Polish Acad. of Sciences, Palace of Culture and Sciences, Warsaw)

30-1. **Antennas and Propagation**, intern. symp., Washington, D.C. (R. J. Adams, Code 5330, U.S. Naval Research Laboratory, Washington 20390)

30-1. **Applied Mechanics**, West Coast conf., Univ. of California, Los Angeles. (P. M. Naghdi, Div. of Applied Mechanics, Univ. of California, Berkeley 94720)

30-1. **Rare Earth Research**, 5th conf., Iowa State Univ., Ames. (S. Legvold, Dept. of Physics, Iowa State Univ., Ames)

30-1. **Structural Dynamics and Aeroelasticity**, conf., Boston, Mass. (F. C. Hung, Space Information Systems Div., North American Aviation, Inc., Downey, Calif.)

30-2. **Fluorine Chemistry**, 3rd intern. symp., Munich, Germany. (F. Weygand, Inst. für Organische Chemie, Technische Hochschule München, Arcisstr. 21, 8 Munich 2)

30-2. **Mathematical Assoc. of America**, 46th summer, Cornell Univ., Ithaca, N.Y. (H. M. Gehman, State University of New York at Buffalo, Buffalo 14214)

30-2. **Regional Science Assoc.**, 5th European congr., Krakow, Poland. (H. Wood, Dept. of Regional Science, Univ. of Pennsylvania, Philadelphia 19104)

30-2. **American Sociological Assoc.**, Chicago, Ill. (G. M. Sykes, ASA, 1755 Massachusetts Ave., NW, Washington, D.C.)

30-3. **Neuropathology**, 5th intern. congr., Zurich, Switzerland. (O. T. Bailey, 912 S. Wood St., Chicago, Ill. 60612)

30-3. **Nuclear Materials Management**, intern. symp., Vienna, Austria. (J. H. Kane, Div. of Special Projects, U.S. Atomic Energy Commission, Washington, D.C.)

30-3. **Society for Applied Spectroscopy**, 4th natl., Denver, Colo. (M. W. Skougstad, 215 Hewitt Bldg., Denver 80202)

30-4. **Ionization Phenomena in Gases**, 7th intern. conf., Belgrade, Yugoslavia. (Organizing Committee, Studentski trg. 16/C/IV, P.O.B. 699, Belgrade)

30-4. **Macromolecular Chemistry**, intern. symp., Prague, Czechoslovakia. (O. Wichterle, 1888 Petriny, Prague 6)

30-4. **Organometallic Chemistry**, 2nd intern. symp., Madison, Wis. (R. West, Dept. of Chemistry, Univ. of Wisconsin, Madison)

30-10. **Population**, 2nd world conf., Belgrade, Yugoslavia. (United Nations Population Commission, New York)

30-10. **International Inst. of Refrigeration**, symp., Prague and other cities, Czechoslovakia. (Organizing Committee, Prague 5-Smíchov, Ostrovského 34, Czechoslovakia)

31-11. **Information Theory**, Statistical Decision Functions and Random Processes, 4th conf., Prague, Czechoslovakia. (F. Hrabal, Foreign Relations Dept., Czechoslovak Acad. of Sciences, Narodni tr. 3, Prague 1)

September

1-3. **American Geophysical Union**, 5th western natl. mtg., Dallas, Tex. (AGU, 1145 19th St., NW, Washington, D.C.)

1-3. **Metallurgists**, 4th annual conf.,

Ottawa, Ont. (Canadian Inst. of Mining and Metallurgy, 906 Drummond Bldg., 117 St. Catherine St., W., Montreal, Que.)

1-3. **Biomedical Aspects of Shock and Vibration Technology**, symp., Denver, Colo. (E. R. Wilson, 5745 S. Huron St., Littleton, Colo. 80120)

1-4. **Aeronautics**, 6th European congr., Munich, Germany. (Wissenschaftliche Gesellschaft für Luft und Raumfahrt, Martinstr. 40-42, 5 Cologne)

1-4. **International Assoc. of Gerontology**, European Clinical section, 4th congr., San Remo, Italy. (A. Zilli, Viale Morgagni 85, Florence, Italy)

1-4. **Immunological Methods**, symp., Chantilly, France. (R. H. Regamey, Intern. Assoc. of Microbiological Societies, Inst. d'Hygiène, 1200 Geneva, Switzerland)

1-4. **Society of General Physiologists**, 20th annual, Marine Biological Laboratory, Woods Hole, Mass. (R. Milkman, Dept. of Zoology, Syracuse Univ., Syracuse, N.Y. 13210)

1-5. **Regional Science Assoc.**, 5th European congr., Warsaw, Poland. (H. Wood, Dept. of Regional Science, Univ. of Pennsylvania, Philadelphia 19104)

1-8. **History of Pharmacy**, intern. congr., London, England. (A. L. Short, Pharmaceutical Soc. of Great Britain, 17 Bloomsbury Sq., London W.C.1)

1-9. **Physiological Sciences**, 23rd intern. congr., Tokyo, Japan. (G. Kato, Dept. of Physiology, Keio Univ. School of Medicine, Shinjuku-ku, Tokyo)

1-14. **Cosmical Gas Dynamics**, 5th symp., Nice, France. (M. Roy, Intern. Union of Theoretical and Applied Mechanics, 55, boul. Malesherbes, Paris 8°, France)

1-17. **Algebraic Number Theory**, instructional conf., Brighton, England. (R. R. Laxton, Mathematics Div., Physics Bldg., Univ. of Sussex, Brighton)

2-4. **American Physical Soc.**, Honolulu, Hawaii. (K. K. Darrow, The Society, Columbia Univ., New York 10027)

2-5. **International Medical Assoc. for the Study of Living Conditions and Health**, 4th world congr., Karlovy Vary, Czechoslovakia. (Secretariat, Apolinárská 18, Prague 2)

2-9. **German Mineralogical Soc.**, 43rd, Hanover, Germany. (F. Buschendorf, Mineralogisches Inst., Technische Hochschule Hanover, Welfengarten 1, 3 Hanover)

3-7. **American Psychological Assoc.**, 73rd annual, Chicago, Ill. (The Association, 17th and Rhode Island Ave., NW, Washington, D.C.)

5-7. **Water Pollution**, 3rd intern. conf., Munich, Germany. (B. B. Berger, P.O. Box 1907, Washington, D.C.)

5-8. **Federation of French-Speaking Societies of Gynaecology and Obstetrics**, 21st congr., Lausanne, Switzerland. (P. Bloch, Hôpital Cantonal, Lausanne)

5-8. **Mathematics**, 7th Canadian congr., Quebec, Canada. (The Congress, 985 Sherbrook St. W., Montreal, Que.)

5-9. **Allergology**, 6th European congr., Stockholm, Sweden. (S. Kraepelin, Sachs Children's Hospital, Stockholm)

5-9. **Biochemistry of Lipids**, 9th intern. congr., Noordwijk, Netherlands. (J. Boldingh, Unilever Research Laboratorium,

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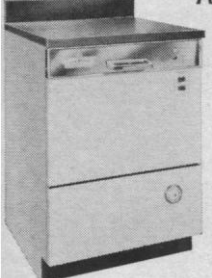
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5-9. **Luminescence**, symp., Munich, Germany. (N. Riehl, Arcisstr. 21, 8 München, Germany)

5-9. International League Against **Rheumatism**, 11th congr., Buenos Aires, Argentina. (A. Caruso, Juncal 1875, Planta Baja, Depto. 2, Buenos Aires)

5-9. Physics and Chemistry of **Scintillators**, intern. luminescence symp., Munich, Germany. (H. Kallman, Radiation and Solid State Laboratory, Dept. of Physics, New York Univ., New York 3)

5-10. International Committee of **Electrochemical Thermodynamics and Kinetics**, 16th mtg., Budapest, Hungary. (S. Lengyel, ELTE Fizikai-Kemial es Radiologiai Tanszek, Puskin u. 11-13, Budapest 8)

5-10. **Electromyography**, intern. mtg., Vienna. (K. Pateisky, Universitats Nervenklunik, 14 Lazarettgasse, Vienna 9)

5-10. **Neurology**, 8th intern. congr., Vienna, Austria. (Congress Office, Vienna Academy of Medicine, Alserstr. 4, Vienna 9)

5-10. Ecology of **Soil Bacteria**, symp., Liverpool, England. (N. A. Burges, Univ. of Liverpool, Hartley Botanical Laboratories, Liverpool)

5-12. **Electroencephalography and Clinical Neurophysiology**, 6th intern. congr., Vienna, Austria. (M. A. B. Brazier, Brain Research Inst., Univ. of California Medical Center, Los Angeles 24)

5-14. **Fertility and Sterility**, 5th intern. congr., Madrid, Spain. (J. Ascenzo Aabello, Parque Meliton Porras, 161, Miraflores, Lima, Peru)

6-9. **Organosilicon Chemistry**, intern. symp., Prague, Czechoslovakia. (Inst. of Chemical Process Fundamentals, Prague-Suchbát 2)

6-9. **Thermal Analysis**, first intern. conf., Aberdeen, Scotland. (C. B. Murphy, Bldg. 5, General Electric Co., 1 River Rd., Schenectady, N.Y.)

6-10. **Embryology**, 7th intern. conf., Edinburgh, Scotland. (A. S. G. Curtis, Dept. of Zoology, University College London, Gower St., London W.C.1, England)

6-10. **Plasma Physics and Controlled Nuclear Fusion Research**, 2nd conf., Abingdon, England. (H. H. Storhaug, Div. of Scientific and Technical Information, Intern. Atomic Energy Agency, Kärltner Ring 11, Vienna 1, Austria)

6-10. European Organization for **Quality Control**, 9th conf., Rotterdam, Netherlands. (Secretariat, Weena 700, Rotterdam 3)

6-10. International Union of Directors of **Zoological Gardens**, annual, Berlin, Germany. (E. M. Lang, Zoologischer Garten, Basel, Switzerland)

6-11. **Electromagnetic Distance Measurement**, symp., London, England. (R. C. A. Edge, Field Survey, Ordnance Survey, Leatherhead Rd., Chessington, Surrey)

6-11. **Electromagnetic Wave Theory**, Intern. Scientific Radio Union, symp., Delft, Netherlands. (R. Timman, Technological Univ., Julianalaan 132, Delft)

6-11. **Polarization Phenomena of Nucleons**, 2nd intern. conf., Karlsruhe, Germany. (H. Schopper, Institut für Experimentelle Kernphysik, Kernforschungszentrum Karlsruhe, Postfach 947, 75 Karlsruhe)

6-11. Basic Problems in **Thin Film Physics**, intern. symp., Clausthal-Göt-

tingen, Germany. (R. Nossek, Physikalisches Institut, Technische Hochschule, Clausthal)

6-12. International Soc. for Research on **Nutrition and Vital Substances**, Salzburg, Austria. (H. A. Schweigart, The Society, Berneroderstr., 61, Hanover-Kirchrode, Germany)

6-12. **Photosynthesis**, Western European conf., Zeist, Netherlands. (J. C. Goedheer, Physica Inst., State Univ., Bijlhouwerstraat 6, Utrecht, Netherlands)

6-17. **Cosmic Rays**, 9th intern. conf., London, England. (C. J. Hatton, Physics Dept., Leeds Univ., Leeds 2, England)

6-17. **Equatorial Aeronomy**, 2nd intern. symp., Brazilian Space Commission, São José dos Campos, Brazil. (F. de Mendonca, Comissão Nacional de Atividades Espaciais, São José dos Campos)

6-17. **Laboratory Animal Husbandry**, symp., Dublin, Ireland. (M. L. Conalty, Medical Research Council Laboratories, Trinity College, Dublin 2)

7-9. **Electronic Materials**, conf., San Francisco, Calif. (American Inst. of Mining, Metallurgical and Petroleum Engineers, 345 E. 47 St., New York 17)

7-9. Internal **Friction** in Solids, conf., Manchester, England. (G. M. Leak, Dept. of Metallurgy, Univ. of Manchester, Manchester 13)

7-9. **Minerals**, Soc. of Mining Engineers fall mtg., Phoenix, Ariz. (American Inst. of Mining, Metallurgical and Petroleum Engineers, 345 E. 47 St., New York 17)

7-9. Biology of **Parasites of Veterinary Importance**, World Assoc. for the Advancement of Veterinary Parasitology, 2nd intern. conf., Univ. of Pennsylvania, Philadelphia. (S. M. Gaafar, Dept. of Veterinary Microbiology, Pathology, and Public Health, Purdue Univ., Lafayette, Ind.)

7-10. **Virus and Vector on Perennial Hosts**, intern. conf., Davis, Calif. (B. Hewitt, Dept. of Plant Pathology, Univ. of California, Davis 95616)

7-14. **Acoustics**, 5th intern. congr., Liège, Belgium. (J. Frenkiel, 33 rue St-Gilles, Liège)

8-10. **Automation** in Analytical Chemistry, intern. symp., New York, N.Y. (E. C. Whitehead, Technicon, Research Park, Chauncey, N.Y.)

8-10. **Biochemistry of Copper**, intern. symp., Harriman, N.Y. (J. Peisach, Dept. of Pharmacology, Albert Einstein College of Medicine, Yeshiva Univ., New York 61)

8-10. **Genetics** Soc. of America, Colorado State Univ., Fort Collins. (R. P. Wagner, Univ. of Texas, Austin)

8-10. **Magnet Technology**, intern. symp., Stanford Univ., Stanford, Calif. (R. H. Moulton, Jr., Stanford Linear Accelerator Center, P.O. Box 4349, Stanford Univ., Stanford)

8-10. International Organization for **Medical Physics**, first intern. conf., Harrogate, England. (Secretary, United Kingdom Natl. Committee for Medical Physics, 45/47 Little Britain, London E.C.1)

8-10. **Radiation Effects**, mtg., Asheville, N.C. (American Inst. of Mining, Metallurgical, and Petroleum Engineers, 345 E. 47 St., New York 17)

8-10. **X-Ray Optics and Microanalysis**, 4th intern. conf., Orsay, France. (Mr. Deschamps, Dept. of Physics, Institute de Recherches de la Siderurgie Française, St-Germain-en-Laye, France)

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8-11. **Biological Systems** at the Molecular Level, Naples, Italy. (R. C. Williams, Virus Laboratory, Univ. of California, Berkeley 94720)

8-11. **Biometric Soc.**, eastern North America region, Philadelphia, Pa. (E. L. LeClerc, 6804 40th Ave., University Park, Hyattsville, Md.)

8-11. **Prevention of Dental Caries**, symp., Prague, Czechoslovakia. (J. Kostlan, Vinohradska 48, Prague 2)

8-11. **American Political Science Assoc.**, Washington, D.C. (E. M. Kirkpatrick, 1726 Massachusetts Ave., NW, Washington)

8-11. **American Statistical Assoc.**, Philadelphia, Pa. (D. C. Riley, Univ. of Rochester, Rochester, N.Y.)

8-14. **Ecology of Aphic Parathyses**, symp., Prague, Czechoslovakia. (F. Hrabal, Foreign Relations Dept., Czechoslovak Academy of Sciences, Narodni tr. 3, Prague 1)

8-15. **Nematology**, 8th intern. symp., Antibes, France. (M. P. Ritter, Station de Recherches sur les Nematodes, 123 boul. du Cap, Antibes, Alpes-Maritimes, France)

8-15. **Soil Mechanics**, 6th intern. conf., Montreal, Canada. (M. K. Ward, Natl. Research Council, Ottawa 2, Ontario)

9-11. **French-speaking Anatomopathologists**, 3rd congr., Quebec, Canada. (R. Ganeau, Dept. of Pathology, Hopital du Saint-Sacrement, 150, Chemin Ste.-Foy, Quebec 6)

9-11. **Industrial Electronics and Control Instrumentation**, conf., Philadelphia, Pa. (L. Winner, 152 W. 42 St., New York 25)

9-11. **Parapsychological Assoc.**, 8th annual conv., New York, N.Y. (J. G. Pratt, Box 152, Univ. of Virginia Hospital, Charlottesville)

9-11. **Phlebology**, 2nd intern. congr., Wiesbaden, Germany. (H. L. Biegeleisen, Phlebology Soc. of America, 155 E. 72 St., New York 10021)

9-12. **Canadian Agricultural Chemicals Assoc.**, 13th annual, Banff, Alberta, Canada. (CACA, 3405 Code des Neiges Rd., Montreal 25, Que.)

9-12. **Mass Spectrometry**, Eüchem conf., Sarlat, France. (Gesellschaft Deutscher Chemiker, Postfach 9075, 6 Frankfurt am Main, Germany)

9-13. **Association of European Anesthetists**, congr., Athens, Greece. (P. Mastracci, Centre de Transfusion Sanguine, Rue Delille, Nice, France)

9-13. **International Soc. for Clinical Electoretinography**, 4th symp., Tokyo, Japan. (A. Nakajama, Dept. of Ophthalmology, Juntendo Univ., Tokyo)

9-14. **Econometric Soc.**, world congr., Rome, Italy. (L. R. Klein, Univ. of Pennsylvania, Philadelphia 19104)

10. **Manned Space Stations**, intern. symp., Munich, Germany. (German Soc. for Rocket Technology and Travel, Neuensteiner str. 19, Stuttgart-Zuffenhausen, Germany)

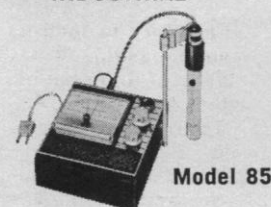
10-12. **Comparative Neurophysiology**, symp., Tokyo, Japan. (Yasuji Katsuki, Tokyo Medical and Dental Univ., 3-Chome, Yusima, Bunkyo-ku, Tokyo)

10-12. **Structure and Function of the Limbic System**, symp., Hakone, Japan. (T. Tokizane, Inst. of Brain Research, Univ. of Tokyo, Hongo, Tokyo, Japan)

11-12. **Brain Edema**, symp., Vienna, Austria. (F. Seitelberger, World Fed. of Neurology, Schwarzschanerstr. 17, Vienna)

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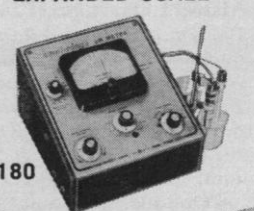
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11-18. **International Cardiovascular Soc.**, 7th congr., Philadelphia, Pa. (R. A. Deterling, Jr., 171 Harrison Ave., Boston, Mass. 02111)

11-18. **Plant Environment in Greenhouses**, symp., Bedfordshire, England. (Secretariat, P.O. Box 38, Wageningen, Netherlands)

11-18. **International Soc. of Surgery**, 21st congr., Philadelphia, Pa. (P. Martin, 43, rue des Champs-Elysees, Brussels 5, Belgium)

11-26. **Chemistry in Industry and Agriculture**, intern. conf., Moscow, USSR. (Central Office of Information, Reference Div., London, England)

12-15. **International Assoc. of Milk, Food, and Environmental Sanitarians**, Hartford, Conn. (H. L. Thomasson, P.O. Box 437, Shelbyville, Ind.)

12-17. **International Aeronautic Fed.**, 58th annual general conf., Munich, Germany. (Natl. Aeronautic Federation, 1025 Connecticut Ave., NW, Washington, D.C. 20036)

12-17. **American Chemical Soc.**, 150th annual, Atlantic City, N.J. (B. S. Baker, Inst. of Gas Technology, 3424 S. State St., Chicago, Ill. 60616)

12-17. **Fracture**, intern. conf., Sendai, Japan. (T. Yokobori, Dept. of Mechanical Engineering, Tohoku Univ., Sendai)

12-17. **Highspeed Photography**, 7th intern. conf., Zurich, Switzerland. (K. Pfister, Secretariat, Postfach 189, 8033 Zurich)

12-18. **Astronautics**, 16th intern. congr., Athens, Greece. (A. L. Jaumotte, Inst. de Mécanique Appliquée, Univ. Libre de Bruxelles, 50, av. F. D. Roosevelt, Brussels, Belgium)

12-18. **Radiology**, 10th Brazilian congr., first Portuguese-Brazilian congr., Rio de Janeiro, Brazil. (A. Arantes Pereira, Av. Churchill 97, S/508, Rio de Janeiro)

12-19. **Mechanisms of Viral Carcinogenesis**, symp., Rehovoth, Israel. (Weizman Inst., Rehovoth)

12-25. **Speleology**, 4th intern. congr., Ljubljana and other cities, Yugoslavia. (W. Bohinec Titova 17a, Ljubljana)

13-15. **Drugs Affecting Lipid Metabolism**, 2nd intern. symp., Milan, Italy. (R. Paoletti, Inst. of Pharmacology, Univ. of Milan, Via Andrea del Sarto 21, Milan)

13-15. **Mechanism and Control of Gastric Secretion**, Univ. of Alberta, Edmonton, Alta., Canada. (Gastric Secretion Symp. Committee, Rm. C148, Univ. Hospital, Edmonton)

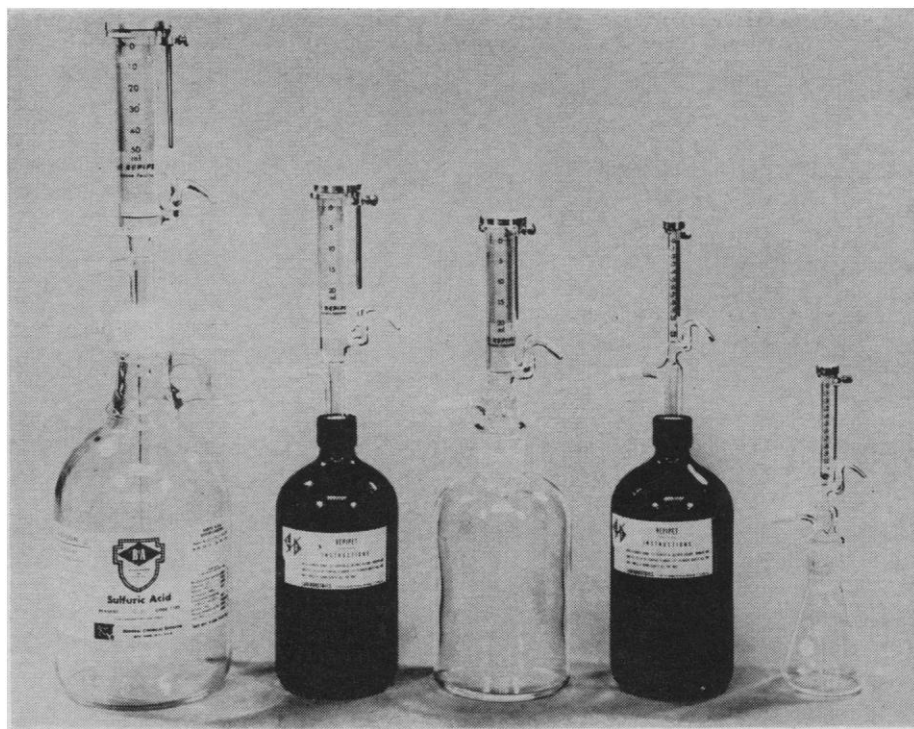
13-15. **Association of French-speaking Pediatricians**, 20th congr., Nancy, France. (Prof. Pierson, Hospital General, Nancy)

13-16. **Cancer**, Latin American congr., Bogota, Colombia. (A. Buendia-Ferro, Avenida 1ª no. 9-85, Bogota)

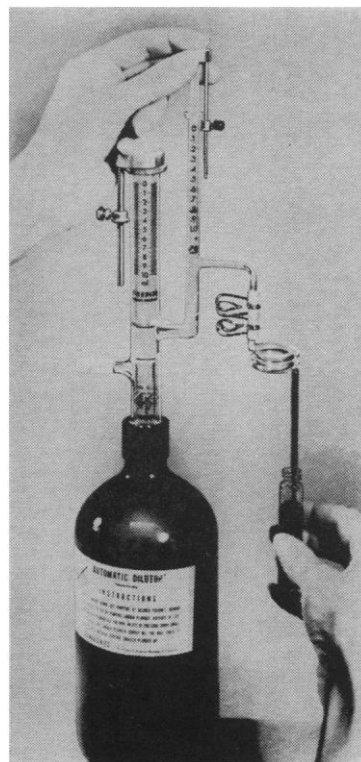
13-16. **Optical Properties and Electronic Structure of Metals and Alloys**, intern. colloquium, Paris, France. (F. Abelès, Institut d'Optique, 3 Boulevard Pasteur, Paris 15^e)

13-16. **Natural Mammalian Hibernation**, 3rd intern. symp., Univ. of Toronto, Ontario, Canada. (E. South, Jr., Dept. of Physiology, Colorado State Univ., Fort Collins, Colo.)

13-17. **Environmental Physiology**, symp., Tokyo, Japan. (A. Nixon, Fed. of American Societies for Experimental Biology, 9650 Wisconsin Ave., Bethesda, Md.)



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13-17. **Microwave Behavior of Ferromagnetics and Plasmas**, intern. conf., London, England. (P. J. B. Clarricoats, IEE, Savoy Pl., London W.C.2)

13-17. **Mother-Infant Interaction**, symp., CIBA Foundation, London, England. (CIBA, 41 Portland Pl., London W.1)

13-18. **Society of German Chemists**, general assembly, Bonn, Germany. (The Society, Postfach 9075, 6 Frankfurt am Main, Germany)

13-18. **International Gravimetric Commission**, mtg., Paris, France. (P. Tardi, Intern. Assoc. of Geodesy, 19 rue Auber, Paris 93)

13-18. **Electroanalysis of Organic and Inorganic Substances**, German Chemical Soc., Bonn, Germany. (W. Pfab, Homburg str. 10, 67 Ludwigshafen, Germany)

13-18. **French Speaking Psychiatrists and Neurologists**, 63rd congr., Lausanne, Switzerland. (P. Warot, 10 rue d'Esquermes, Lille, France)

14-16. **Faraday Soc.**, mtg., Bristol, England. (The Society, 6 Gray's Inn Sq., London W.C.1)

14-17. **Theory of Self-adaptive Control Systems**, intern. symp., Teddington, England. (R. W. Wilde, Dept. of Electrical Engineering, Imperial College of Science and Technology, Exhibition Rd., London S.W.7)

14-20. **Hydrogeologists**, intern. congr., Hanover, Germany. (G. Castany, Intern.

Assoc. of Hydrogeologists, 74, rue de la Federation, Paris 15, France)

14-20. **International Statistical Inst.**, 35th session, Belgrade, Yugoslavia. (The Institute, 2 Oostdiunlann, The Hague, Netherlands)

15-17. **Nuclear and Particle Physics**, conf., Univ. of Liverpool, England. (Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London S.W.1)

15-17. **Regional Science Assoc.**, 2nd Far East congr., Tokyo, Japan. (G. Konno, Faculty of Economics, Univ. of Tokyo)

15-17. **Urban Planning Information Systems and Programs**, Chicago, Ill. (American Soc. of Planning Officials, 1313 E. 60 St., Chicago 60637)

15-18. **Bacteriophagy**, 2nd intern. symp., Bucharest, Rumania. (Secretariat, Str. Progresului 10, Bucharest)

16-17. **Astrodynamics Specialist conf.**, Monterey, Calif. (V. Szebehely, Celestial Mechanics Research Center, Box 2034 Yale Station, New Haven, Conn. 06520)

16-17. **Production of Automation Elements**, conf., Esztergom, Hungary. (L. Prockl, Scientific Soc. of Mechanical Engineers, Szabadsag ter 17, Budapest 5)

16-18. **Marine Microbiology**, symp., Soc. for General Microbiology, Aberdeen, Scotland. (J. Shewan, Torry Research Station, Dept. of Scientific and Industrial Research, 135 Abbey Rd., Aberdeen)

16-19. **General Practice**, 7th intern.

congr., Salzburg, Austria. (K. Englemeier, Intern. College of General Practice, Lange Str. 21a, 4740 Oelde, Westphalia, Germany)

16-19. **American Medical Writers Assoc.**, Detroit, Mich. (J. E. Bryan, 2000 P St., NW, Washington, D.C. 20036)

17. **Southern California Acad. of Science**, Los Angeles County Museum, Los Angeles. (C. Rozaire, Los Angeles County Museum, 900 Exposition Blvd., Los Angeles 90007)

17-18. **Dialysis and Transplant**, 2nd intern. conf., Newcastle, England. (W. Drukker, Dept. of Medicine, Queen Wilhelmina Hospital, Amsterdam W., Netherlands)

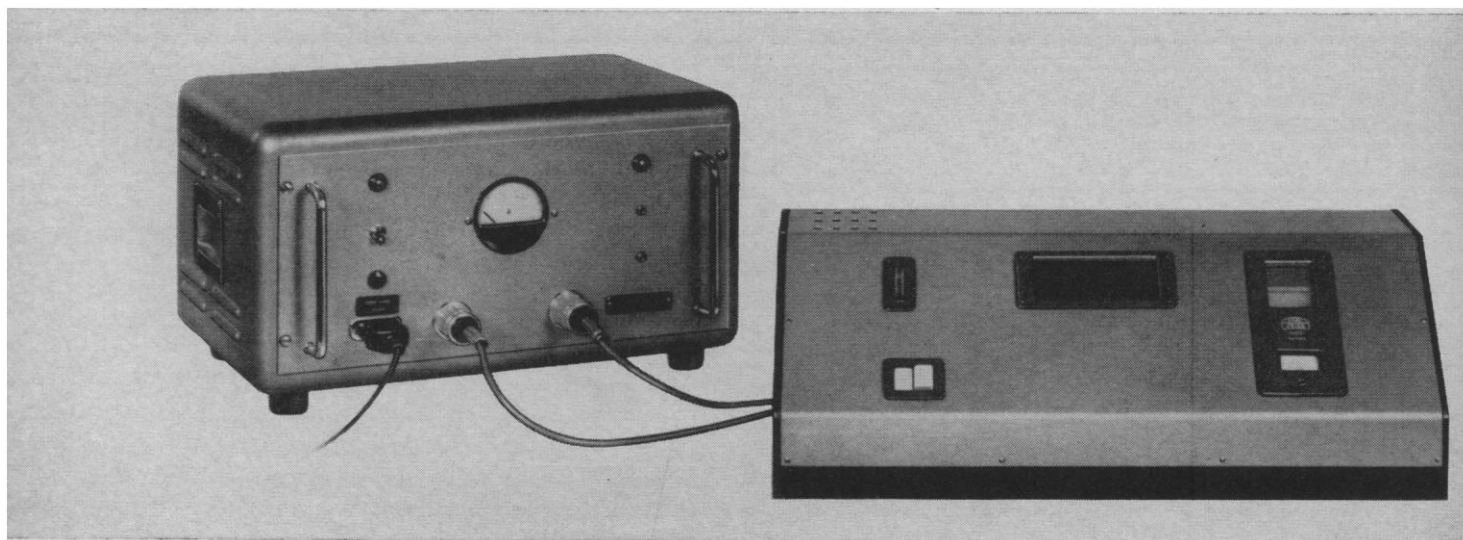
17-18. **British Tissue Culture Assoc.**, Manchester, England. (L. M. Franks, Imperial Cancer Research Fund, Lincoln's Inn Fields, London W.C.2)

18-19. **Minnesota Acad. of Science**, Grand Rapids. (V. E. Anderson, 6 Zoology, Univ. of Minnesota, Minneapolis 55455)

18-21. **International Soc. of Radiographers and Radiological Technicians**, 3rd world congr., Rome, Italy. (E. R. Hutchinson, 159 Gabalfa Ave., Cardiff, Wales)

19-22. **Odontology**, 5th Latin American congr., Buenos Aires, Argentina. (A. F. Alvarez, Argentine Odontological Assoc., Junin 959, Buenos Aires)

19-22. **Power**, natl. conf., Albany, N.Y.



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19-23. **Cerebral Palsy**, Mediterranean symp., Rome, Italy. (Intern. Soc. for Rehabilitation of the Disabled, 701 First Ave., New York 10017)

19-25. **Greek Chemists Assoc.**, 3rd intern. meeting, Athens. (Dr. Parissakis, Technical Univ. of Athens, 42 Patission St., Athens)

19-25. **Elementary Particles**, 3rd intern. conf., Oxford, England. (R. C. Pepperell, Rutherford High Energy Laboratory, Chilton, Didcot, England)

19-25. **Immediate Separation and Chromatography**, intern., Athens, Greece. (G. Parissakis, Technical Univ. of Athens, Odos 28 Octovriou 42, Athens)

19-25. **World Medical Assoc.**, 19th general assembly, London, England. (H. S. Gear, 10 Columbus Circle, New York 10019)

20. **Organic Solid State**, 3rd annual symp., Franklin Inst., Philadelphia, Pa. (M. M. Labes, Franklin Inst. Research Laboratories, Philadelphia 19103)

20. **Photo-Electronic Image Devices** as Aids to Scientific Observation, symp., London, England. (G. V. McGee, Dept. of Physics, Imperial College of Science and Technology, South Kensington, London S.W.7)

20-22. **Glacier Mapping**, symp., Ottawa,

Ont., Canada. (Intern. Assoc. of Scientific Hydrology, 61 rue des Ronces, Gentbrugge, Belgium)

20-24. **Biochemistry**, 8th Latin meeting, Lisbon, Portugal. (S. F. Gomes da Costa, Laboratorio de Quimica Fisiologica, Faculdade de Medicina, Hospital de Santa Maria, Lisbon)

20-24. **Burn Research**, intern. congr., Edinburgh, Scotland. (A. Sutherland, Royal Hospital for Sick Children, Sciennes Rd., Edinburgh 9)

20-24. **Fundamental Research**, 3rd intern. symp., Cambridge, England. (H. W. Emerton, Reed Paper Group Ltd., Research and Development Centre, Aylesford, Maidstone, Kent, England)

20-24. **International Council of Societies of Industrial Design**, 4th general assembly and congr., Vienna, Austria. (Mrs. D. des Cressonieres, 70 Coudenberg, Brussels, Belgium)

20-24. **Thermionic Electrical Power Generation**, intern. conf., London, England. (Inst. of Electrical Engineers, Savoy Pl., London W.C.2)

20-27. **Comparative and Cellular Pathology of Epilepsy**, symp., Liblice, Czechoslovakia. (F. Hrabal, Foreign Relations Dept., Czechoslovak Academy of Sciences, Narodni tr. 3, Prague 1)

21-23. **Chemurgic** conf., Columbus, Ohio. (J. Ticknor, Chemurgic Council, 350 Fifth Ave., New York, N.Y.)

21-23. **Fiber Soc.**, 25th mtg., Boston, Mass. (Box 625, Princeton, N.J.)

21-23. **Magnetism**, European conf., Vienna, Austria. (Verein Deutscher Eisenhüttenleute, Breit Str. 27, Düsseldorf, Germany)

21-23. **Plasma Electromagnetics of Hypersonic Flight**, 3rd symp., Boston and Bedford, Mass. (A. Cahill, Air Force Cambridge Research Laboratories, L. G. Hanscom Field, Bedford, Mass. 01731)

21-23. **Touch, Heat, and Pain**, CIBA symp., London, England. (CIBA, 41 Portland Pl., London W.1)

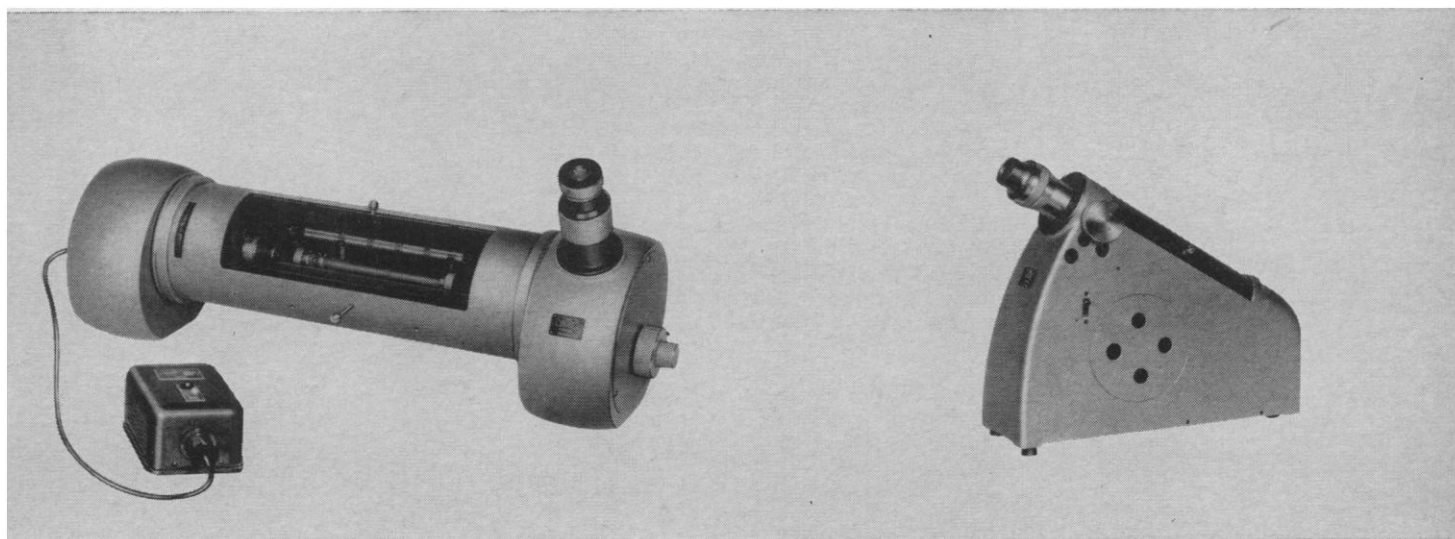
21-25. **Propagation Factors in Space Communication**, symp., Rome, Italy. (Lt. Col. E. F. Dukes, Advisory Group for Aeronautical Research and Development, 64 rue de Varenne, Paris 7, France)

22-24. **Practice of Gas Chromatography**, 4th annual mtg., St. Louis, Mo. (N. Brenner, Perkin-Elmer Corp., Main Ave., Norwalk, Conn.)

22-24. **Canadian High Polymer Forum**, 13th, Ottawa, Ont. (D. M. Wiles, Div. of Applied Chemistry, National Research Council, Ottawa)

22-24. **Military Electronics**, conf. (MIL-E-CON 9), Washington, D.C. (L. H. King, Atlantic Research Corp., Shirley Hwy. at Edsall Rd., Alexandria, Va.)

22-24. **American Soc. of Photogrammetry**, 30th semiannual conv., Wright-Patterson AFB, Ohio. (A. J. Cannon, Re-



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22-25. Committee of European **Aca-
rologists**, symp., Milan, Italy. (G. Mathys,
Stations Federales d'Essais Agricoles, Lau-
sanne, Switzerland)

22-25. **Amblyopia Exanopsia**, intern.
symp., Liège, Belgium. (R. Weekers, Cli-
nique Ophtalmologique, Université de
Liège, 66 blvd. de la Constitution, Liège)

22-25. British Assoc. for **Cancer Re-
search**, annual, Dublin, Ireland. (J. G.
Bennerre, Courtauld Inst., Middlesex
Hospital, London W.1, England)

22-26. **Paläontologische Gesellschaft**,
mtg., Zurich, Switzerland. (E. Kuhn-
Schnyder, Paläontologisches Institut d.
Univ. Zurich, Künstlergasse 16, 8006,
Zurich)

22-28. **Radiology**, 11th intern. congr.,
Rome, Italy. (Secretariat, Via Reno 21,
Rome)

23-25. French **Medical Congr.**, Paris.
France. (M. Bricaire, 40 rue Scheffer,
Paris 16)

23-25. Society of the **Plastics Industry**,
New England sect., 21st annual, Groton,
Conn. (The Society, 250 Park Ave., New
York 10017)

23-26. **Mycology**, tripartite conf., Ger-
many, Austria, Switzerland; Klagenfurt,
Austria. (Ostrian Mycology Soc., Postfach
200, Vienna 1)

23-28. **Electronics and Vacuum Physics**,
3rd Czechoslovak conf., Prague, Czecho-
slovakia. (Organizing Committee, Ke Kar-
lovu 5, Dept. of Electronics and Vacuum
Physics, Prague 2)

24-25. **Communications**, 13th conf.,
Cedar Rapids, Iowa. (Inst. of Electrical
and Electronics Engineers, Box A, Lenox
Hill Station, New York 21)

25-30. International Soc. of **Nephrol-
ogy**, 3rd intern. congr., Washington, D.C.
(Secretariat, 9650 Wisconsin Ave., Wash-
ington, D.C. 20014)

26-29. American Inst. of **Chemical En-
gineers**, 57th natl., Minneapolis, Minn.
(AIChE, 345 E. 47 St., New York 10017)

27. Society for **Pediatric Radiology**,
Washington, D.C. (J. L. Gwinn, Children's
Hospital, 4614 Sunset Blvd., Los Angeles,
Calif.)

27-29. Chemistry of the **Solvent Ex-
traction of Metals**, intern. conf., Atomic
Energy Research Establishment, Harwell,
England. (F. K. Pyne, B. 329, Harwell)

27-1. **Community Oral Health**, hemi-
spheric conf., San Juan, P.R. (N. O. Har-
ris, School of Dentistry, Univ. of Puerto
Rico, San Juan 00905)

27-1. **Urology**, French congr., Paris,
France. (J. Michon, French Assoc. of
Urology, 47, boul. des Invalides, Paris 7)

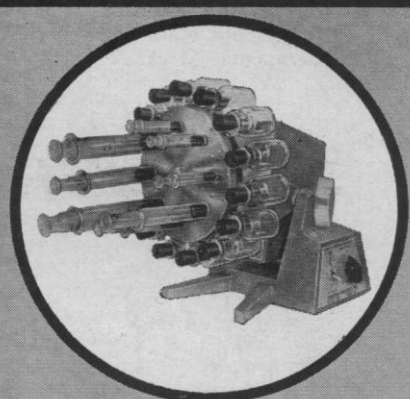
28. Society of Austrian **Chemists**, gen-
eral assembly, Graz, Austria. (The Society,
Eschenbachgasse 9, Vienna 1)

28-29. **Electric Heating**, 7th biennial
conf., Cleveland, Ohio. (A. F. Leatherman,
Battelle Memorial Inst., 505 King Ave.,
Columbus, Ohio 43201)

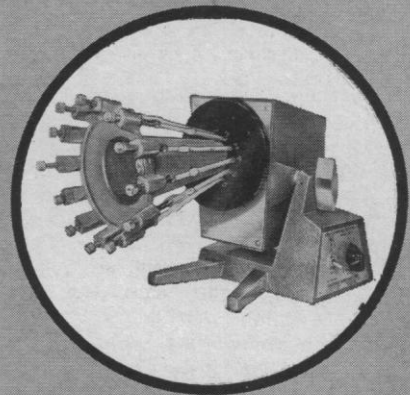
28-30. German Soc. for **Documentation**,
17th annual, Constance, Germany. (The
Society, Schubertstr. 1, Frankfurt am Main,
Germany)

28-30. Physics and **Nondestructive Test-
ing**, symp., Dayton, Ohio. (D. W. J. Mc-
Gonnagle, IIT Research Inst., 10 W. 35
St., Chicago, Ill. 60616)

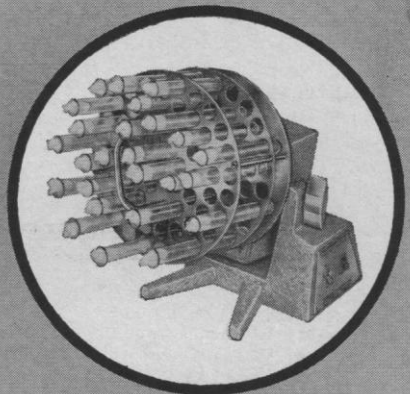
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Power Systems, conf., Buffalo, N.Y. (J. A. Hart, Allison Div., General Motors Corp., Box 894, Indianapolis 6, Ind.)

28-1. **Experimental Mechanics**, 2nd intern. congr., Washington, D.C. (J. L. Jones, Soc. for Experimental Stress Analysis, 21 Bridge Sq., Westport, Conn. 06880)

28-1. **Society for Experimental Stress Analysis**, Washington, D.C. (B. E. Rossi, 21 Bridge Sq., Westport, Conn.)

28-1. **Inhaled Particles and Vapors**, Cambridge, England. (J. S. McLintock, Medical Service, Natl. Coal Board, Hobart House, Grosvenor Pl., London S.W.1)

28-1. **Medical Electronics**, European symp., Brighton, England. (J. Pearce, 4 Mill St., London W.1)

28-2. **Hyperpure Materials** in Science and Technology, Inst. for Applied Physics of Hyperpure Materials, Dresden, Germany. (The Institute, Dresden A 20, Winterbergstr. 28, East Germany)

29-1. **Analytical Chemistry**, symp., Graz, Austria. (Prof. Gutmann, Austrian Assoc. for Microchemistry and Analytical Chemistry, Eschenbachgasse 9, Vienna 1)

29-1. **European Atomic Forum**, 2nd congr., Frankfurt am Main, Germany. (European Atomic Energy Forum, 26, rue de Clichy, Paris 9)

29-1. **German Soc. for Aviation and Space Medicine**, intern. congr., Munich, Germany. (H. von Diringshofen, German Soc. for Aviation and Space Medicine, Silcherstr. 6, Munich 13)

29-1. **American Vacuum Soc.**, 12th annual symp., New York, N.Y. (R. L. Jepsen, Varian Associates, 611 Hansen Way, Palo Alto, Calif.)

October

1-3. **French-Language Assoc. of Scientific Psychology**, 10th study sessions, Marseilles, France. (P. Fraisse, The Association, Inst. de Psychologie, 28, rue Serpente, Paris 6^e)

1-11. **International Scientific Film Assoc.**, 19th annual congr., Bucharest, Rumania. (ISFA, 38, avenue des Termes, Paris 17^e)

2. **Association of Clinical Biochemists**, annual, London, England. (D. W. Moss, Postgraduate Medical School, Ducane Rd., London, W.12)

3-5. **Refractory Metals**, 4th symp., French Lick, Ind. (J. Maltz, Materials Research Div., NASA, 600 Independence Ave., SW, Washington, D.C. 20546)

3-7. **American Phytopathological Soc.**, Miami Beach, Fla. (J. R. Shay, Dept. of Botany and Plant Pathology, Purdue Univ., Lafayette, Ind.)

3-8. **Clinical Pathology**, 6th intern. congr., Rome, Italy. (B. L. Della Vida, Via de' Penitenzieri 13, Rome)

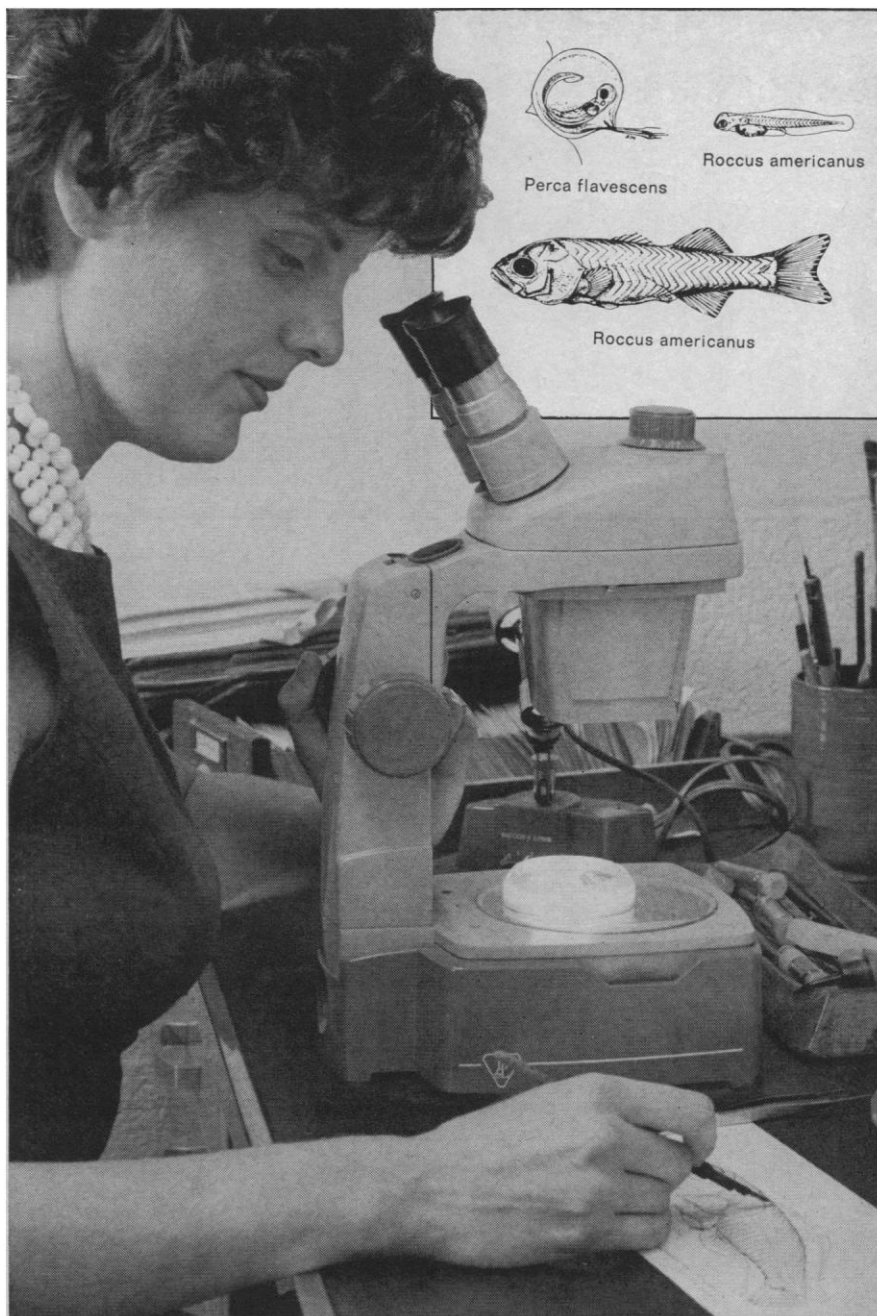
3-9. **Water Desalination**, 1st intern. symp., Washington, D.C. (Atomic Industrial Forum, 850 Third Ave., New York 10022)

4-5. **Enzyme Regulation**, 4th intern. symp., Indiana Univ., Indianapolis. (G. Weber, Indiana Univ. School of Medicine, Indianapolis 46207)

4-5. **Physical Metallurgy of Refractory Metals**, conf., American Inst. of Mining, Metallurgical, and Petroleum Engineers, French Lick, Ind. (AIME, 345 E. 47 St., New York 10017)

4-6. **Electronics**, Canadian conf., To-

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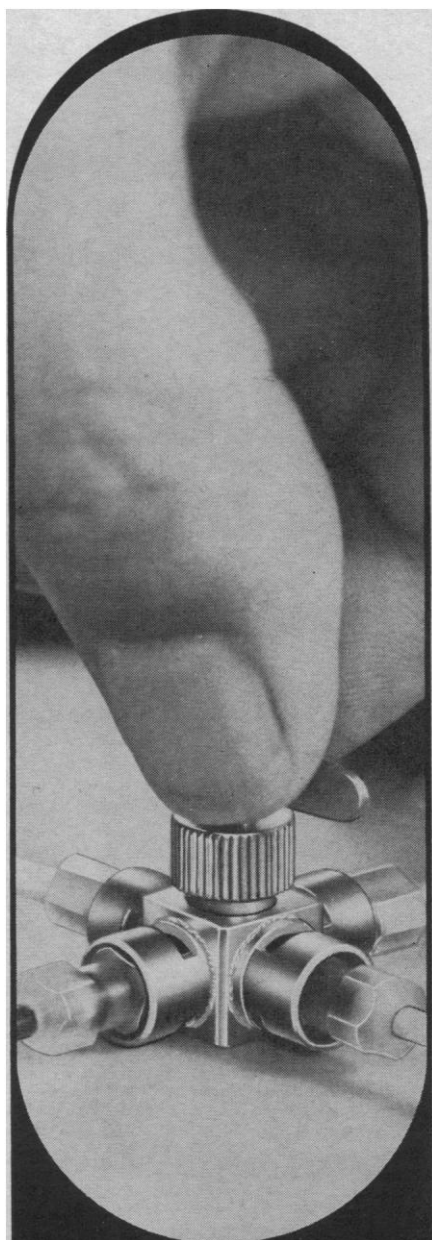
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ronto, Ont. (W. M. Lower, 1819 Yonge St., Toronto)

4-6. **Industrial Organic Analysis**, Analytical Chemistry Div., Chemical Inst. of Canada, Sarnia, Ont. (R. M. Small, Research Dept., Polymer Corp, Sarnia)

4-6. **International Scientific Radio Union/Inst. of Electrical and Electronics Engineers**, fall meeting, Dartmouth College, Hanover, N.H. (IEEE, Box A, Lenox Hill Station, New York, N.Y.)

4-7. **Instrument-Automation Conf.**, Los Angeles, Calif. (E. M. Grabbe, Instrument Soc. of America, 530 William Penn Pl., Pittsburgh, Pa. 15219)

4-7. **Otorhinolaryngology**, 62nd French Congr., Paris, France. (H. Guillon, 6, avenue Mac-Mahon, Paris 16^e)

4-7. **Research Equipment**, exhibit and instrument symp., 15th annual, Bethesda, Md. (J. B. Davis, Natl. Institutes of Health, Bethesda, Md. 20014)

4-7. **International Committee for Social Sciences Documentation**, annual plenary assembly, Budapest, Hungary. (J. Meyriat, 27, rue St. Guillaume, Paris 7)

4-8. **Aeronautic and Space Engineering**, Soc. of Automotive Engineers, Los Angeles, Calif. (C. C. King, SAE Western Branch, 999 North Sepulveda Blvd., El Segundo, Calif. 90245)

4-8. **Ciba Foundation Clinical Research Guest Conf.**, London, England. (Ciba, 41 Portland Pl., London W.1)

4-10. **Physicists**, conf., Frankfurt am Main, Germany. (G. Schubert, Inst. für Theoretische Physik, Universität, Mainz, Germany)

4-13. **International Council for the Exploration of the Sea**, 53rd annual meeting, Rome, Italy. (The Council, Charlottenlund Slot, Charlottenlund, Denmark)

4-13. **Commonwealth Medical Conf.**, Edinburgh, Scotland. (Mrs. J. Hotchkiss, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, England)

5-7. **Industrial and Commercial Power Systems**, conf., Buffalo, N.Y. (T. O. Zittel, Bethlehem Steel Co., 3555 Lake Shore Rd., Buffalo 14219)

5-8. **International Committee of Weights and Measures**, session, Sèvres, France. (Intern. Bureau of Weights and Measures, Pavillon de Breteuil, Sèvres, Sein-et-Oise, France)

5-9. **Infectious Pathology**, 4th intern. Congr., Freiburg im Breisgau, Germany. (G. Mossner, Hugertstr. 55, Freiburg im Breisgau)

5-9. **Tuberculosis**, 18th intern. conf., Munich, Germany. (Intern. Union Against Tuberculosis, 15, rue Pomereu, Paris 16^e, France)

6-8. **Dynamics of Fluids and Plasmas**, symp., Univ. of Maryland, College Park. (S. I. Pai, Inst. for Fluid Dynamics and Applied Mathematics, Univ. of Maryland, College Park 20742)

6-8. **Optical Soc. of America**, annual meeting, Philadelphia, Pa. (M. E. Warga, OSA, 1155 16th St., NW, Washington 20036)

6-8. **Royal Inst. of Public Health and Hygiene**, annual conf., Weymouth, England. (Secretary, RIPHH, 28 Portland Place, London, W.1, England)

6-10. **Wood and Organisms**, intern. symp., Berlin, Germany. (German Soc.

for Wood Research, Danneckerstr. 37, Stuttgart S, Germany)

8-9. **Atlantic Coastal Plain Geological Assoc.**, field trip, South Carolina. (D. J. Colquhoun, Dept. of Geology, Univ. of South Carolina, Columbia)

8-9. **Association of Midwestern College Biology Teachers**, 9th annual conf., Northern Illinois Univ., DeKalb)

8-9. **Indiana Acad. of Science**, fall meeting, Notre Dame. (C. F. Dineen, St. Mary's College, Notre Dame)

9. **Paleontological Research Inst.**, Ithaca, N.Y. (K. V. W. Palmer, Paleontological Research Inst., 109 Dearborn Pl., Ithaca)

9-10. **Gastroenterology**, French conf., Paris, France. (R. Biguie, 79, Boulevard Malesherbes, Paris 8^e)

9-13. **American Soc. of Clinical Hypnosis**, Chicago, Ill. (F. D. Nowlin, ASCH, 800 Washington Ave., SE, Minneapolis, Minn. 55414)

9-17. **Electrical, Electronics, and Mechanical Engineering**, first Pan American Congr., Mexico, D.F. (Inst. of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 10021)

10-14. **Water Pollution Control Fed.**, 38th annual, Atlantic City, N.J. (R. E. Fuhrman, 4435 Wisconsin Ave., NW, Washington, D.C. 20016)

10-15. **International Federation for Documentation**, Congr., Washington, D.C. (Secretariat, FID, 9650 Wisconsin Ave., Washington 20014)

10-15. **Electrochemical Soc.**, meeting, Buffalo, N.Y. (Executive Secretary, ES, 30 E. 42 St., New York 10017)

10-15. **Endocrinology**, 6th Pan American conf., Mexico, D.F. (G. Gual, Inst. Nacional de la Nutrición, Dr. Jimenez No. 261, Mexico 7)

10-16. **American Documentation Inst.**, Washington, D.C. (J. E. Bryan, 2000 P St., NW, Washington, D.C. 20036)

10-17. **Bronchoesophagology**, 1st Latin American Congr., Rio de Janeiro, Brazil. (F. Aprigliano, Rua Alcindo Guanabara, 24, Sob-Loja 206, Rio de Janeiro)

10-17. **Otorhinolaryngology**, 14th Brazilian Congr., Rio de Janeiro, Brazil. (W. Benevides, Rua Alcindo Guanabara, 24, Sob-Loja 206, Rio de Janeiro)

10-17. **Plastic Surgery**, 10th Latin American Congr., Buenos Aires, Argentina. (J. Norberto Spera, Riglos 624, Buenos Aires)

11-13. **Color Centers in Alkali Halides**, symp., Univ. of Illinois, Urbana. (D. W. Compton, Dept. of Physics, Univ. of Illinois, Urbana)

11-13. **Communications**, 11th natl. symp., Utica, N.Y. (G. E. Brunette, Communications Div. (EMCT) Rome Air Development Center, Griffiss AFB, New York 13442)

11-13. **Metabolic Roles of Lipids**, symp., Cincinnati, Ohio. (C. H. Hauber, American Oil Chemists' Soc., 35 East Wacker Dr., Chicago 1, Ill.)

11-13. **Manned Spaceflight**, 4th meeting, St. Louis, Mo. (J. F. Yardley, McDonnell Aircraft Corp., P.O. Box 516, St. Louis)

11-13. **National Acad. of Sciences**, fall meeting, Univ. of Washington, Seattle. (H. Neurath, Dept. of Biochemistry, Univ. of Washington, Seattle 98105)