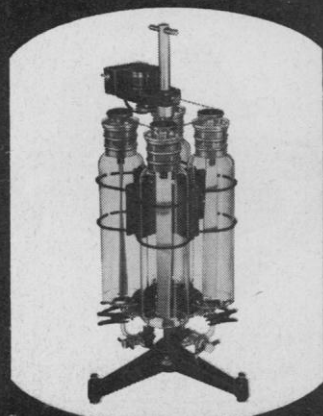
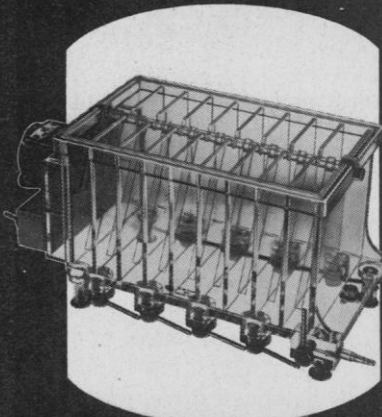


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obtained by 69 investigating physicians in West Germany. Of 1356 patients treated, 78 percent had leg ulcers. In children, burns were the most frequent indication. In 20 percent of the patients, the enzyme took effect within 3 days, in 97 percent within 14 days. Overall, a satisfactory result was obtained in 80 percent of all patients. Walter Zimmermann (University of Freiburg, Germany) reported that, in almost 400 burn cases, not a single keloid was formed and none of the wounds contracted in contrast to the relatively high incidence of both with other treatments. The various presentations conveyed the general impression that, after some 20 years of animal and clinical experimentation, a valuable addition to the armamentarium of topical drugs available for ambulatory and institutionalized patients had emerged.

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Forthcoming Events

October

20-23. American Vacuum Soc., 7th annual, Washington, D.C. (Miss D. M. Hoffman, RCA Labs., David Sarnoff Research Center, Princeton, N.J. 08540)

21-23. Society of Mining Engineers of the American Inst. of Mining, St. Louis, Mo. (J. C. Fox, 345 E. 47 St., New York 10017)

21-23. Planetarium Teachers, East Lansing, Mich. (V. D. Chamberlain, Michigan State Univ., Talbert and Leota Abrams Planetarium, East Lansing)

21-23. Ultrasonic Symp. (G-SU), San Francisco, Calif. (W. J. Spencer, Bell Telephone Labs., Allentown, Pa. 18103)

21-24. National Assoc. of Biology Teachers, Denver, Colo. (J. P. Lightner, NABT, 1420 N St., NW, Washington, D.C. 20005)

21-24. Society of Photographic Scientists and Engineers, Washington, D.C. (H. J. Hall, 10 Maguire Rd., Lexington, Mass. 02173)

22-23. National Acad. of Engineering, Washington, D.C. (National Acad. of Engineering, Editorial Office, 2101 Constitution Ave., NW, Washington, D.C. 20418)

22-24. American Soc. for Aesthetics, Boulder, Colo. (J. R. Johnson, ASA, 1150 East Blvd., Cleveland, Ohio 44106)

22-24. Gerontological Soc., 23rd annual, Toronto, Ont., Canada. (E. Kaskowitz, GS, 660 S. Euclid, St. Louis, Mo. 63110)

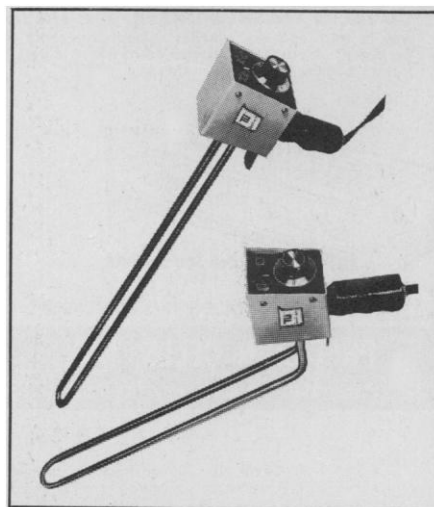
23-24. Biological Sonar and Diving Mammals, 7th annual conf., Menlo Park, Calif. (T. C. Poulter, Biological Sonar Lab., Stanford Research Inst., Menlo Park 94025)

25-28. National Lubricating Grease Inst., 38th, Atlanta, Ga. (C. V. Pickell,

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4635 Wyandotte St., Kansas City, Mo. 64112)

25-29. Institute of **Sanitation Management**, Cleveland, Ohio. (H. C. Rowe, 1710 Drew St., Clearwater, Fla. 33515)

25-30. American College of **Chest Physicians**, Los Angeles, Calif. (A. Soffer, ACCP, 112 E. Chestnut St., Chicago, Ill. 60611)

25-30. International Congr. of **Internal Medicine**, 11th, New Delhi, India. (H. Ludwig, Burgerspital, Basel, Switzerland)

26-27. Interagency **Chemical Rocket Propulsion** Group, Pasadena, Calif. (A. Broido, Pacific Southwest Forest and Range Experiment Sta., U.S. Forest Service, Box 245, Berkeley, Calif. 94701)

26-28. **Electronic and Aerospace Systems**, Washington, D.C. (R. A. Stampfl, Natl. Aeronautics and Space Administration, Washington, D.C.)

26-28. **Spectroscopy**, 17th symp. and exhibition of instrumentation, 17th, Ottawa, Ont., Canada. (J. L. Dalton, 555 Booth St., Ottawa 4)

26-29. **Instrument Soc. of America**, Philadelphia, Pa. (H. S. Kindler, ISA, 530 William Penn Pl., Pittsburgh, Pa. 15219)

26-30. Symposium on the Use of **Nuclear Techniques in the Measurement and Control of Environmental Pollution**, Salzburg, Austria. (J. H. Kane, Div. of Technical Information, U.S. Atomic Energy Commission, Washington, D.C. 20545)

26-30. American College of **Preventive Medicine**, Houston, Tex. (E. A. Piszcek, 6410 N. Leona Ave., Chicago, Ill. 60646)

26-30. American **Public Health Assoc.**, 98th, Houston, Tex. (B. F. Mattison, 1740 Broadway Ave., New York 10019)

26-30. American **Water Resources Conf.**, 6th, Austin, Tex. (W. S. Butcher, Civil Engineering Dept., Univ. of Texas, Austin 78712)

27-28. Society of **Plastics Engineers**, Cherry Hill, N.J. (A. E. Whitney, Jr., 31 Alexander Ave., Nutley, N.J.)

27-29. Western **Space Congr.**, 1st, Santa Maria, Calif. (C. E. Ewing, P.O. 1134, Santa Maria 93454)

27-31. Congress of **Neurological Surgeons**, Inc., 20th, St. Louis, Mo. (J. M. Thompson, 1955 Blossom Way, St. Petersburg, Fla. 33712)

28-30. **Electron Devices**, Washington, D.C. (Inst. of Electrical and Electronics Engineers, Electron Devices Group, 345 E. 47 St., New York 10017)

28-30. **Meteoritical Soc.**, Skyland, Va. (L. S. Walter, Planetology Branch, Code 644, NASA/Goddard Space Flight Center, Greenbelt, Md.)

28-30. **Operations Research Soc. of America**, Detroit, Mich. (R. M. Oliver, Dept. of Industrial Engineering, Univ. of California, Berkeley 94720)

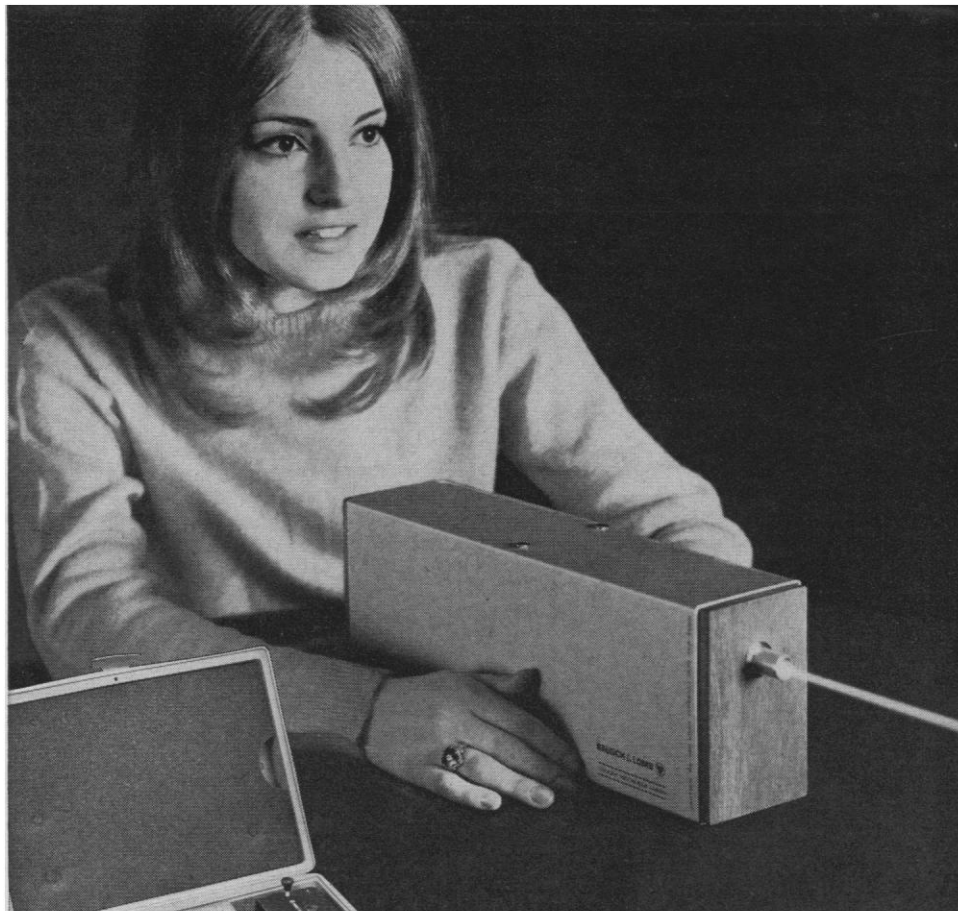
28-30. **Planetology and Space Mission Planning**, 3rd conf., New York, N.Y. (R. D. Enzmann, Raytheon Corp., Bedford, Mass.)

28-31. American Assoc. of **Medical Assistants**, 14th annual, Des Moines, Iowa. (AAMA, Inc., 200 E. Ohio St., Chicago, Ill. 60611)

28-1. Federation of Societies for **Paint Technology**, 48th annual, Boston, Mass. (R. W. Matlack, 121 S. Broad St., Philadelphia, Pa. 19107)

29-30. Joint **Engineering Management**

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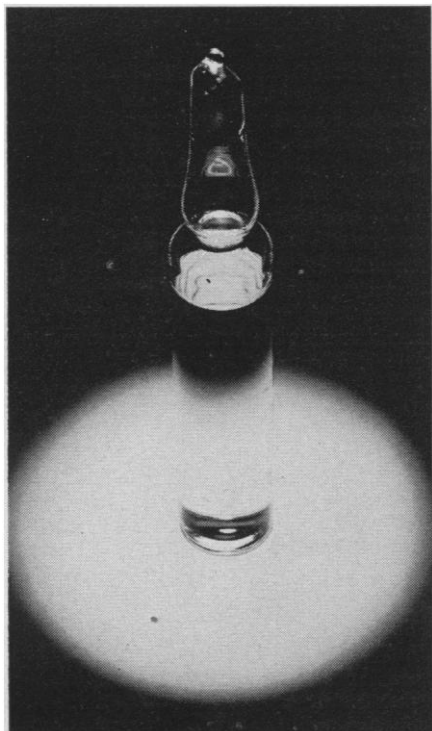
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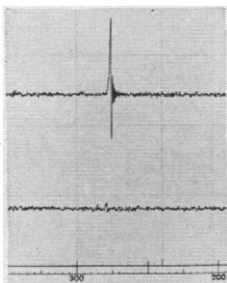
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Conf., 18th annual, Chicago, Ill. (G. J. Lukas, Keebler Co., 677 Lank Ave., Elmhurst, Ill. 60126)

29-2. Association of American Medical Colleges, 9th annual, Los Angeles, Calif. (D. E. Mattson, Div. of Educational Measurement and Research, AAMC, 2530 Ridge Ave., Evanston, Ill. 60201)

30-1. International Soc. of Fire Service Instructors, Clearwater, Fla. (B. Miles, Fire Administration Dept., St. Petersburg, Fla.)

November

1-4. American Soc. for Horticultural Science, Miami Beach, Fla. (C. Blackwell, 615 Elm St., St. Joseph, Mich. 49085)

1-4. American Soc. of Tropical Medicine and Hygiene, San Francisco, Calif. (M. M. Brooke, P.O. Box 15208, Emory Univ., Atlanta, Ga. 30333)

1-6. American Assoc. of Medical Record Librarians, Colorado Springs, Colo. (M. J. Waterstraat, 211 E. Chicago Ave., Chicago, Ill. 60611)

2-4. Automated Analysis, New York, N.Y. (N. B. Scova, Technicon Corp., Tarrytown, N.Y. 10591)

2-4. Society of Engineering Science, Inc., 8th annual, Washington, D.C. (N. W. Singpurwalla, School of Engineering and Applied Sciences, George Washington Univ., Washington, D.C. 20006)

2-6. American Assoc. for Laboratory Animal Science, 21st annual, Chicago, Ill. (T. W. Harris, AALAS, 4 E. Clinton St., P.O. Box 10, Joliet, Ill. 60434)

2-6. American Concrete Inst., St. Louis, Mo. (R. E. Wilde, Box 4754, Bedford Sta., Detroit, Mich. 48219)

2-6. Electric Contact Phenomena, Chicago, Ill. (R. E. Armington, Electrical Engineering Dept., Illinois Inst. of Technology, Chicago 60616)

2-11. Reliability Engineering and Management Inst., 8th annual, Tucson, Ariz. (D. Kececioglu, Aerospace and Mechanical Engineering Dept., Univ. of Arizona, Tucson 85721)

3-5. Conference on Cold Forming of Metal Parts, Detroit, Mich. (R. C. Rittenhouse, American Soc. of Metals, Metals Park, Ohio 44073)

3-6. Acoustical Soc. of America, Houston, Tex. (B. H. Goodfriend, ASA, 335 E. 45 St., New York 10017)

3-6. Basic Science and Nuclear Divisions, joint fall mtg., Gatlinburg, Tenn. (W. R. Jacoby, Nuclear Div., Westinghouse Electric Corp., P.O. Box 217, Cheswick, Pa. 15024)

3-6. Health Physics Soc., 5th annual, Idaho Falls, Idaho. (C. A. Pelletier, P.O. Box 2108, Idaho Falls 83401)

3-7. Technical Assoc. of the Pulp and Paper Industry, 24th annual, New Orleans, La. (M. A. Burnston, 360 Lexington Ave., New York 10017)

4-5. American Assoc. for the Study of Liver Diseases, Chicago, Ill. (F. Schaffner, Mount Sinai School of Medicine, Fifth Ave. and 100th St., New York 10029)

4-6. Diffraction Conf., 28th, Pittsburgh, Pa. (E. McGandy, Dept. of Biochemistry and Nutrition, Univ. of Pittsburgh, Pittsburgh 15213)

4-6. Fuels and Lubricants and Transportation, Society of Automotive Engineers, Philadelphia, Pa. (W. I. Marble,

SAE, 345 E. 47 St., New York 10017)

4-6. Nuclear Symp. on Nuclear Instrumentation for Research and Development, New York, N.Y. [W. W. Managan, Argonne Natl. Lab. (D818), 9700 S. Cass Ave., Argonne, Ill. 60439]

4-6. American Assoc. of Textile Chemists and Colorists, Atlanta, Ga. (G. P. Paine, Box 12215, Research Triangle Park, N.C. 27709)

4-7. American Soc. of Cytology, 18th annual, Los Angeles, Calif. (W. R. Lang, 7112 Lincoln Drive, Philadelphia, Pa. 19119)

4-7. Medical Soc. of the United States and Mexico, 18th annual, Jalisco, Mexico. (V. E. Bryant, 333 W. Thomas Rd. No. 207, Phoenix, Ariz. 85013)

4-7. Symposium on Nuclear Science, New York, N.Y. (M. E. Cassidy, U.S. Atomic Energy Commission, 376 Hudson St., New York 10014)

4-7. Plasma Physics, Washington, D.C. (R. M. Sinclair, Physics Section, Natl. Science Foundation, Washington, D.C. 20550)

4-8. American Soc. of Clinical Hypnosis, Miami Beach, Fla. (W. T. Heron, 1500 NW 43rd Terrace, Park South, Fort Lauderdale, Fla. 33313)

4-8. American Assoc. of Psychiatric Clinics for Children, 22nd annual, Philadelphia, Pa. (J. L. Friend, AAPPCC, 250 W. 57 St., New York 10019)

5-7. Symposium on Nutritional and Environmental Problems of the Inner City, Nashville, Tenn. (H. A. Moses, Meharry Medical College, Nashville 37208)

5-8. Association of Clinical Scientists, Washington, D.C. (F. W. Sunderman, Jr., Univ. of Connecticut Medical School, 2 Holcomb St., Hartford 06112)

5-8. Italian Soc. of Urology, 43rd congr., Florence, Italy. (M. Rizzo, Istituto di Urologia Università degli Studi di Firenze, Firenze)

6-7. Central Soc. for Clinical Research, Chicago, Ill. (J. W. Eckstein, Dept. of Internal Medicine, Univ. of Iowa Hospitals, Iowa City 52240)

6-7. National Conf. on Management of Occlusive Arterial Disease, Nashville, Tenn. (W. A. Dale, 2010 Church St., Nashville 37203)

6-10. National Biological Congr., Detroit, Mich. (J. R. Olive, American Inst. of Biological Sciences, 3900 Wisconsin Ave., NW, Washington, D.C. 20016)

6-11. American Soc. of Hospital Pharmacists, Los Angeles, Calif. (J. A. Oddis, ASHP, 4630 Montgomery Ave., Bethesda, Md. 20014)

7-8. American College of Dentists, Las Vegas, Nev. (R. J. Nelsen, 4236 Lindell Blvd., St. Louis, Mo. 63108)

7-10. American Medical Women's Assoc., San Juan, Puerto Rico. (G. Conroy, AMWA, 1740 Broadway, New York 10019)

8-12. American Dental Assoc., Las Vegas, Nev. (C. G. Watson, ADA, 211 E. Chicago Ave., Chicago, Ill. 60611)

8-12. Society of Exploration Geophysicists, New Orleans, La. (H. Breck, P.O. Box 3098, Tulsa, Okla. 74101)

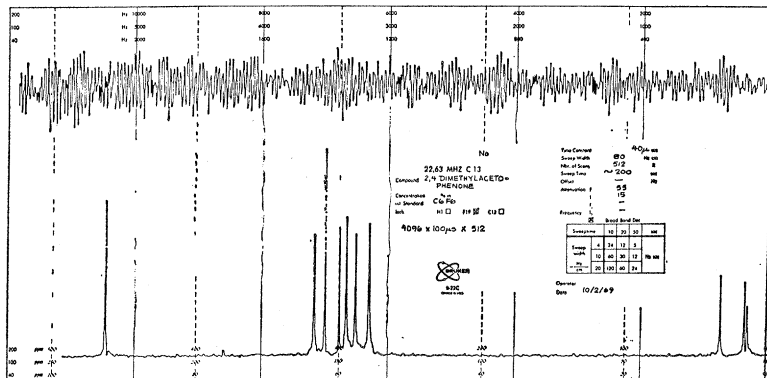
9-11. Cyclic 3',5' AMP and Cell Function, New York, N.Y. (G. A. Robison, Vanderbilt Univ., Nashville, Tenn.)

10-12. Society of Plastics Engineers,

Signal Averaging... Principles and Practices NMR Fourier Spectroscopy

Number 7 of a Series

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trometer and the above ^{13}C interferogram and spectrum are early results of this joint effort. The interferogram is only the first 1024 data points of a 4096 point free induction signal and is the average of 512 sweeps taking a total of approximately 200 seconds to accumulate. The Fourier transformed high resolution spectrum is shown below it. The equivalent sweep width is 5 KHz.

The significance of this technique lies in the time savings that can be achieved and the fact that this time savings can be put to good use in improving sensitivity or signal-to-noise ratio. The above spectrum of naturally low abundance ^{13}C , if recorded by conventional (CW) NMR techniques, would have taken 10 to 12 hours instead of 3 to 4 minutes.

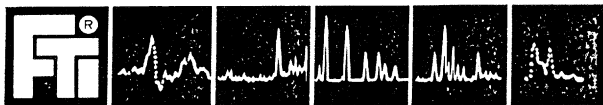
While these data demonstrate approximately a 200:1 time savings, much longer savings are theoretically possible. Ernst and Anderson¹ have shown that the theoretical time reduction increases in proportion to the spectral resolution. The relaxation times (T_1) of the nuclear spin systems have been considered a limiting factor in approaching these theoretical values. However, recent experiments² indicate that the T_1 limitation can be overcome by newly developed techniques and that savings in the order of 10,000:1 may soon be practical. If part of these time savings were used for sensitivity improvement through signal averaging, signal-to-noise ratio improvements of one to two orders of magnitude could be achieved.

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References:

1. R. R. Ernst and W. A. Anderson, *Rev. Sci. Instr.*, Vol. 37, 93 (1966).
2. E. D. Becker, J. A. Ferretti, and T. C. Farrar, *J. Am. Chem. Soc.* Vol. 91, 27 (1969).

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2nd technical conf., St. Louis, Mo. (J. H. Hyden, SPE, 656 W. Putnam Ave., Greenwich, Conn. 06830)

11-12. **Sex and Gender Deviations in Children**, Columbia, Mo. (Office of Continuing Medical Education, Univ. of Missouri School of Medicine, 175 Medical Center, Columbia 65201)

11-13. **Geological Soc. of America**, 83rd annual, Milwaukee, Wis. (L. M. Cline, GSA, P.O. Box 1719, Boulder, Colo. 80302)

11-13. **National Assoc. of Geology Teachers**, Milwaukee, Wis. (M. B. Rosalsky, Dept. of Geology, City College of New York, Convent Ave. at 138th St., New York 10031)

11-13. **Paleontological Soc.**, Milwaukee, Wis. (R. L. Langenheim, Dept. of Geology, Univ. of Illinois, Urbana 61801)

11-14. **Seismological Soc. of America**, Milwaukee, Wis. (D. Tocher, P.O. Box 826, Berkeley, Calif. 94701)

12-13. **Canadian Symp. on Communications**, Montreal, P.Q. (M. L. Blostein, Electrical Engineering Dept., McGill Univ., Montreal 110)

12-13. **Immunoglobulins**, Philadelphia, Pa. (H. M. Rawsley, William Pepper Lab., Dept. of Pathology, Univ. of Pennsylvania, Philadelphia)

12-13. **Symposium on Man-Machine Systems**, Winter Park, Fla. (M. J. Kahn, AAI Corp., Cockeysville, Md. 21030)

12-15. **American Heart Assoc.**, 43rd annual scientific sessions, Atlantic City, N.J. (AHA, 44 E. 23 St., New York 10010)

12-15. **American Soc. of Therapeutic Radiologists**, Phoenix, Ariz. (C. R. Bogardus, 800 NE 13th St., Oklahoma City, Okla. 73104)

14-15. **Midwestern Conf. in Comparative Endocrinology**, Cincinnati, Ohio. (W. W. Leavitt, Dept. of Physiology, College of Medicine, Univ. of Cincinnati, Cincinnati 45219)

15-19. **Engineering in Medicine and Biology**, 23rd conf., Washington, D.C. (R. Johns, 522 Traylor Bldg., Johns Hopkins School of Medicine, Baltimore, Md. 21205)

15-19. **American Nuclear Soc.**, Washington, D.C. (J. Stouky, NUS Corp., 2351 Research Blvd., Rockville, Md. 20850)

16-17. **American Petroleum Inst.**, 50th annual, New York, N.Y. (H. A. Fondou, 1271 Avenue of the Americas, New York 10020)

16-18. **Chemical Marketing Research Assoc.**, San Francisco, Calif. (C. W. Slade, Jr., Chemical Marketing Research Assoc., 100 Church St., New York 10007)

16-19. **Society of Vertebrate Paleontology**, Toronto, Ont., Canada. (J. H. Ostrom, Yale Peabody Museum, 170 Whitney Ave., New Haven, Conn. 06520)

17-19. **Fall Joint Computer Conf.**, 7th annual, Houston, Tex. (B. Pollard, RCA-NPL, 200 Forest St., Marlboro, Mass. 01752)

17-20. **Magnetism and Magnetic Materials**, 16th annual conf., Miami Beach, Fla. (H. C. Wolfe, American Inst. of Physics, 335 E. 45 St., New York 10017)

17-22. **Pan American Medical Assoc.**, 45th, Hollywood Beach, Fla. (J. Eller, 745 Fifth Avenue, New York 10022)

18-20. **Eastern Analytical Symp.**, New York, N.Y. (D. A. Pragay, P.O. Box 38, Buffalo, N.Y. 14215)

18-20. **Hamster Pathology**, Boston, Mass. (F. Homburger, Bio-Research Inst., Inc., 9 Commercial Ave., Cambridge, Mass. 02141)

18-20. National Assoc. of **Police Labs.** and the Bureau of **Narcotics and Dangerous Drugs**, New York, N.Y. (Lt. F. Fernandez, Suffolk County Police Dept. Lab., Veteran's Highway, Hauppauge, N.Y. 11787)

19-20. American Assoc. for **Automotive Medicine**, Ann Arbor, Mich. (J. L. Weygandt, 716 Monroe St., Sheboygan Falls, Wis. 53085)

19-20. **Biomedical Materials**, London, England. (Meetings Officer, Inst. of Physics and The Physical Soc., 47 Belgrave Sq., London, S.W.1, England)

19-20. **Cancer Conf.**, Houston, Tex. (F. Goff, M. D. Anderson Hospital, Univ. of Texas, Houston)

19-20. Conflicts in **Water Resources Planning**, What are the Remedies?, Austin, Tex. (S. Ferguson, Center for Research in Water Resources, Balcones Research Center, Route 4, Box 189, Austin 78757)

19-22. American **Anthropological Assoc.**, San Diego, Calif. (E. J. Lehman, Executive Director, AAA, 1703 New Hampshire Ave., NW, Washington, D.C. 20009)

19-22. Society for **Psycho-physiological Research**, New Orleans, La. (L. H. Miller, Louisiana State Univ. Medical Center, 1542 Tulane Ave., New Orleans 70112)

20-21. Tennessee Acad. of **Science**, Memphis, Tenn. (J. D. Caponetti, Dept. of Botany, Univ. of Tennessee, Knoxville 37916)

20-23. American **Speech and Hearing Assoc.**, New York, N.Y. (K. O. Johnson, ASHA, 9030 Old Georgetown Rd., Washington, D.C. 20014)

21-24. Association of Schools of **Allied Health Professions**, 3rd annual, Chicago, Ill. (J. Von Bargen, Suite 300, 1 Dupont Circle, NW, Washington, D.C. 20036)

23-25. American Physical Soc., Div. of **Fluid Dynamics**, 23rd, Charlottesville, Va. (Y. H. Pao, Boeing Scientific Research Labs., P.O. Box 3981, Seattle, Wash. 98124)

26-28. Central Assoc. of **Science and Mathematics Teachers**, Chicago, Ill. (D. R. Winslow, P.O. Box 246, Bloomington, Ind. 47401)

26-29. National Council for **Geographic Education**, Detroit, Mich. (L. Mitchell, NCGE, 111 W. Washington St., Chicago, Ill. 60602)

29-30. International **Exchange of Technology**, Research Triangle Park, N.C. (G. R. Herbert, Research Triangle Inst., P.O. Box 12194, Research Triangle Park 27709)

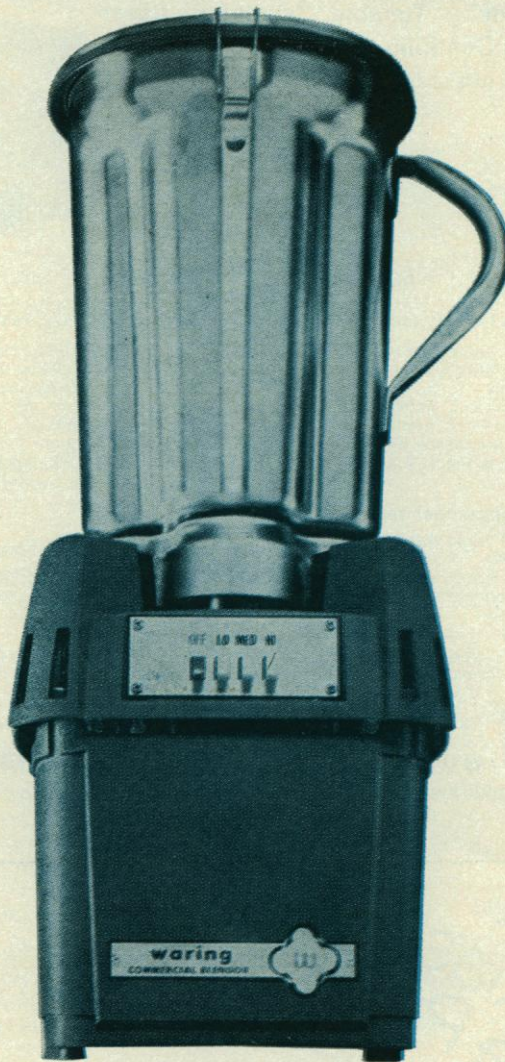
29-3. American Inst. of **Chemical Engineers**, Chicago, Ill. (F. J. Van Antwerpen, AICE, 345 E. 47 St., New York 10017)

29-3. Association of **Military Surgeons** of the United States, Washington, D.C. (F. E. Wilson, AMSUS, 8502 Connecticut Ave., Chevy Chase, Md. 20015)

29-4. American Soc. of **Mechanical Engineers**, New York, N.Y. (A. B. Conlin, Jr., Technical Dept., ASME, 345 E. 47 St., New York 10017)

29-4. **Radiological Soc.** of North America, Chicago, Ill. (M. D. Frazer, RSNA,

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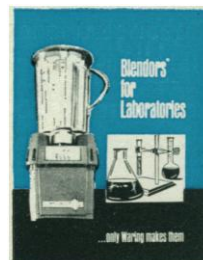
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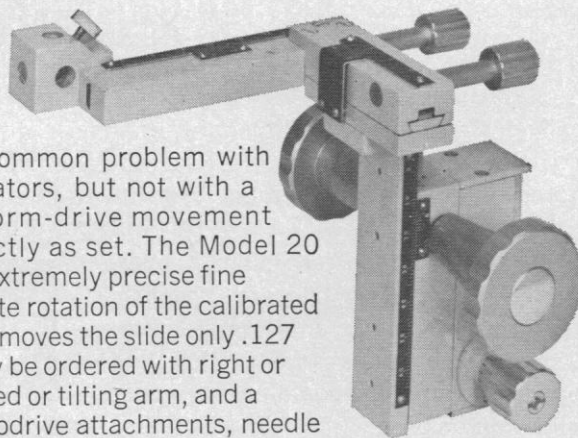


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30-2. Conference on the **Fatigue Problem**, Detroit, Mich. (J. A. Fellows, American Soc. for Metals, Metals Park, Ohio)

30-3. **Entomological Soc. of America**, Miami Beach, Fla. (W. P. Murdoch, 4603 Calvert Rd., College Park, Md. 20740)

30-4. **Engineering Materials and Design**, intern. exhibition and trade fair, London, England. (Industrial and Trade Fairs, Ltd., Commonwealth House, New Oxford St., London, W.C.1, England)

December

1-3. **Problems of Electroplating**, 3rd symp., Budapest, Hungary. (Scientific Soc. of Mechanical Engineers, Szabadsag Ter. 17, Budapest)

1-6. **Radiological Soc. of North America**, Chicago, Ill. (M. D. Frazier, 713 E. Genesee St., Syracuse, N.Y. 13210)

1-7. **International Hospital Federation**, 2nd, San Jose, Costa Rica. (J. Gonzalez, Pan American Office, 1 Farragut Sq., South, Washington, D.C. 20006)

1-8. **International Symp. on the Results of Research on Representative and Experimental Basins**, Wellington, New Zealand. (L. A. Heindl, Royal Soc. of New Zealand, P.O. Box 196, Wellington)

2-3. **Materials/Process Selection**, Phase II, Cleveland, Ohio. (J. A. Fellows, American Soc. for Metals, Metals Park, Ohio 44073)

2-4. **Vehicular Technology**, 21st conf., Washington, D.C. (P. M. Kelly, Kelly Scientific Corp., 3900 Wisconsin Ave., NW, Washington, D.C. 20016)

2-9. **Management of Emotional Problems in the Older Person**, New York, N.Y. (H. Gershman, American Inst. for Psychoanalysis, 329 E. 62 St., New York 10021)

3-4. Conference on **Clinical Pharmacology**, Washington, D.C. (L. I. Goldberg, Emory Univ. School of Medicine, Atlanta, Ga.)

4. American Assoc. of **Physicists in Medicine**, Chicago, Ill. (M. Rozenfeld, Argonne Hospital, 950 E. 59 St., Chicago 60637)

4-6. American Acad. of **Psychoanalysis**, New York, N.Y. (J. B. Miller, AAP, 510 E. 86 St., New York 10028)

5-10. American Acad. of **Dermatology**, Chicago, Ill. (F. A. J. Kingery, 2250 Northwest Flanders, Portland, Ore. 97201)

6. American Soc. of **Hospital Pharmacists**, 5th annual, Anaheim, Calif. (W. E. McConnell, Dept. of Education and Training, 4630 Montgomery Ave., Washington, D.C. 20014)

6-8. American Soc. of **Hematology**, San Juan, Puerto Rico. (F. H. Gardner, Presbyterian-Univ. of Pennsylvania Medical Center, Philadelphia 19104)

6-10. Association of **State and Territorial Health Officers**, Washington, D.C. (N. J. Swearingen, 128 C St., NE, Washington, D.C. 20002)

6-11. **International Clean Air Congr.**, 2nd, Washington, D.C. (A. Arch, Air Pollution Control Assoc., 4400 Fifth Ave., Pittsburgh, Pa. 15213)

6-11. Pan American Congr. of **Rheumatology**, 5th, Punta del Este, Uruguay. (H. Havranek, Hospital Maciel, Calle 25 de Mayo 174, Montevideo, Uruguay)

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