

ful results can actually be obtained. We should be sure that the significant physical processes are not likely to be masked by backgrounds due to uninteresting particles also produced in the interactions.

Summary

Summarizing, one can say that the construction of ultrahigh-energy accelerators will be justifiable even at presently predictable costs. There is little doubt that eventually physicists will push into the domain of superintensity as well as that of superenergy. If they do this, it will be because the information that will then become available will be needed in order to formulate a more complete picture of nature. For the time being, we should examine the results of the 30-Gev synchrotrons in the light of their bearing on these large constructions of the future. But if these projects are to be realized in a time comparable to our lifetime, then those study projects which have become a necessary prelude to actual construction should be started now (3).

Notes

1. During a discussion with G. I. Budker concerning plasma instabilities and their deleterious effect on plasma accelerators, I asked if this did not mean we should be very pessimistic about any success. "Yes," said Budker, "but don't forget that a plasma is like a woman, the outlook can change most rapidly!"
2. K. Symon estimated that the cost of producing colliding beams of protons attaining 30 Gev in the center of mass would be about \$200 million. The collision yield would be about 10^5 cm⁻²sec⁻¹, with 10 percent gas background at 10^{-8} mm-Hg. G. K. O'Neill says that the cost of a storage ring set might be similar to that of the alternating-gradient synchrotron used as its injector; for example, addition of storage rings to the Brookhaven National Laboratory alternating-gradient synchrotron would cost approximately \$35 million, for 60 Gev in the center of mass ("equivalent energy," about 2150 Gev).
3. I gratefully acknowledge the assistance, in preparation of this report, of R. F. Mozley and W. D. Walker, who prepared conference notes, and of Robert Oppenheimer, Gerald Pickavance, and Keith Symon, who sent additional comments and summaries.

Forthcoming Events

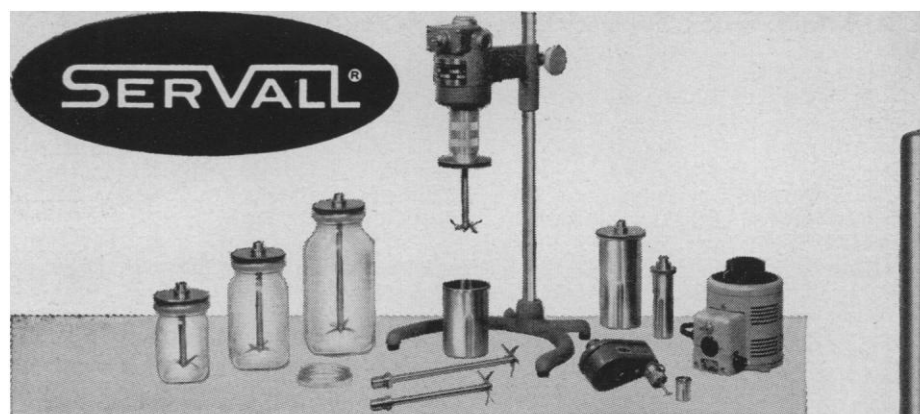
June

5-16. Operations Research and Systems Engineering, Baltimore, Md. (Dean, School of Engineering, Johns Hopkins Univ., Baltimore 18)

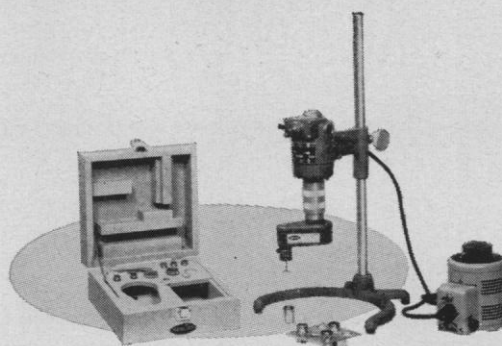
6-8. Tissue Culture Assoc., 12th annual, Detroit, Mich. (F. E. Payne, Dept. of Epidemiology, Univ. of Michigan, Ann Arbor)

8-11. American Electroencephalographic Soc., Atlantic City, N.J. (G. A. Ulett, Malcolm Bliss Mental Health Center, 1420 Grattan, St. Louis 4, Mo.)

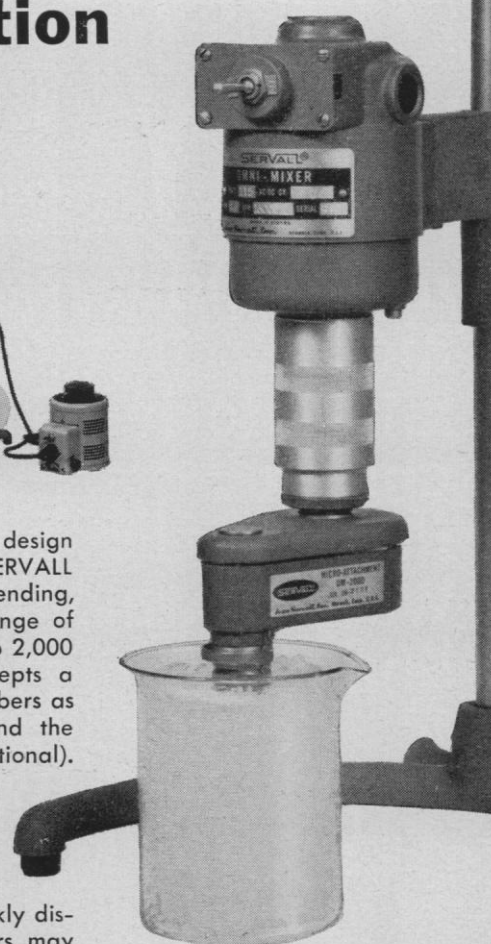
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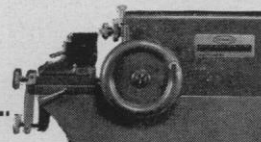
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8-18. International Organization for Standardization, general assembly (members only), Finland. (American Standards Association, 70 E. 45 St., New York 17)

9-11. Society of Biological Psychiatry, Atlantic City, N.J. (G. N. Thompson, 2010 Wilshire Blvd., Los Angeles 57, Calif.)

9-17. European Convention of Chemical Engineering, Frankfurt, Germany. (DECHEMA, Postfach No. 7746, Frankfurt/Main 7)

11-15. American Soc. of Mechanical Engineers, summer annual, Los Angeles, Calif. (O. B. Schier II, 29 W. 39 St., New York 18)

12-13. Radio Frequency Interference, 3rd natl. symp., Washington, D.C. (E. F. Mischler, National Engineering Service, Washington, D.C.)

12-14. American Dairy Science Assoc.,

Madison, Wis. (H. F. Judkins, 32 Ridgeway Circle, White Plains, N.Y.)

12-14. American Neurological Assoc., Atlantic City, N.J. (M. D. Yahr, Neurological Inst., 710 W. 168 St., New York 32)

12-14. Society for the Study of Development and Growth, regeneration symp., Williamstown, Mass. (A. C. Braun, Rockefeller Inst., New York 21)

12-15. Nature of the Real, conf., Milwaukee, Wis. (E. D. Simmons, Dept. of Philosophy, Marquette Univ., Milwaukee 3)

12-15. Physics of Electronic and Atomic Collisions, intern. conf., Boulder, Colo. (B. Bederson, Physics Dept., New York Univ., New York 53)

12-16. Association of Official Seed Analysts, Richmond, Va. (D. D. Forsyth, Agronomy Building, Madison 6, Wis.)

12-16. Molecular Structure and Spectroscopy, symp., Columbus, Ohio. (R. A. Oetjen, Dept. of Physics and Astronomy, Ohio State Univ., Columbus 10)

12-18. European Assoc. for Animal Production, 8th intern. congr., Hamburg, Germany. (European Assoc. for Animal Production, Via Barnaba Oriana 28, Rome, Italy)

12-24. European Inst. of Scientific Studies for the Prevention and Treatment of Alcoholism, Amsterdam, Netherlands. (D. Ehlbeck, Intern. Bureau against Alcoholism, Case Gare 49, Lausanne, Switzerland)

12-29. Statistical Quality Control Intensive Courses for the Chemical and Processing Industries, 18th annual, Rochester, N.Y. (H. M. Kentner, Extended Services Div., Rochester Inst. of Technology, Rochester 8)

13-14. Product Engineering and Production, 5th natl. conf., Philadelphia, Pa. (P. J. Riley, R.C.A., Building 10-6, Camden 2, N.J.)

13-16. Gas Chromatography Symp., 3rd biennial, East Lansing, Mich. (J. E. Callen, Procter and Gamble Co., Miami Valley Laboratories, P.O. Box 175, Cincinnati 39, Ohio)

13-16. Institute of Aerospace Sciences and American Rocket Soc., Los Angeles, Calif. (Inst. of Aerospace Sciences, 2 E. 64 St., New York 21)

13-18. Nuclear Congress, 6th, Rome, Italy. (Ufficio Stampa e Relazioni Pubbliche-CNEN, Via Belisario 15, Rome)

14-16. Applied Mechanics Conf., Chicago, Ill. (American Soc. of Mechanical Engineers, Meetings Dept., 29 W. 39 St., New York 18)

14-16. Semiconducting Compounds, conf., Schenectady, N.Y. (W. W. Tyler, General Electric Research Laboratory, Schenectady)

14-16. Theory of Weak and Strong Interactions, conf., La Jolla, Calif. (T. A. Manar, Scripps Institution of Oceanography, La Jolla)

14-17. American Assoc. of Bioanalysts, Dallas, Tex. (L. D. Hertert, 490 Post St., Room 1049, San Francisco 2, Calif.)

16-17. Meteoritical Soc., Nantucket, Mass. (G. L. Rowland, Long Beach City College, Long Beach 8, Calif.)

17-21. American Nuclear Soc., Boston Mass. (O. J. Du Temple, ANS, 86 E. Randolph St., Chicago 1, Ill.)

18-21. American Astronomical Soc., Nantucket, Mass. (J. A. Hynek, Dearborn Observatory, Northwestern Univ., Evanston, Ill.)

18-23. American Meteorological Soc., 193rd natl., and Pacific Div., AAAS, 42nd annual, Davis, Calif. (AMS, 45 Beacon St., Boston 8, Mass.)

18-23. American Soc. of Medical Technologists, Seattle, Wash. (Miss R. Matthaei, Suite 25, Hermann Professional Bldg., Houston 25, Tex.)

19-21. American Soc. of Pharmacognosy, annual summer meeting, Houston, Tex. (R. S. Westby, Eli Lilly and Co., 740 S. Alabama St., Indianapolis 6, Ind.)

19-21. Space Flight and Re-entry Trajectories, symp. by Intern. Acad. of Astronautics, Paris, France. (Secretariat, IAA, 12 rue de Gramont, Paris 2)

19-23. Conference on Carbon, 5th bi-

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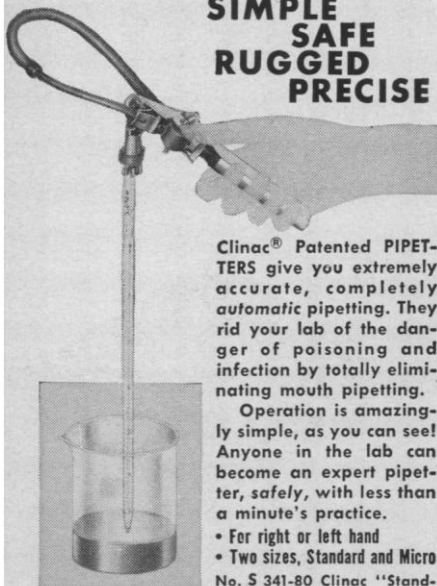
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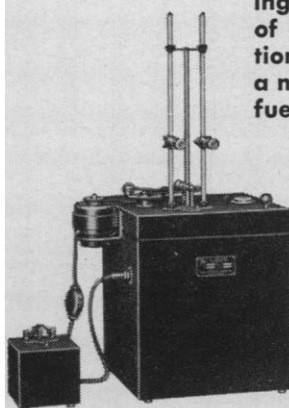
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ennial, University Park, Pa. (Fifth Carbon Conf., Pennsylvania State Univ., Conference Center, University Park)

19-23. Current Aspects of Internal Medicine, postgraduate course, American College of Physicians, Iowa City, Iowa. (E. C. Rosenow, Jr., Executive Director, ACP, 4200 Pine St., Philadelphia 4, Pa.)

19-24. Feed Microscopy, annual meeting and special short course, Denver, Colo. (C. Jones, Colorado Department of Agriculture, 3130 Zuni St., Denver 11)

19-30. Astrophysics Seminar, Cloudcroft, N.M. (J. R. Foote, P.O. Box 1053, Holloman Air Force Base, N.M.)

21-1. International Plastics Exhibition and Convention, London, England. (British Plastics, Dorset House, Stanford St., London, S.E.1)

22-23. American Rheumatism Assoc., New York, N.Y. (F. E. Demartini, 622 W. 168 St., New York 32)

22-23. Computers and Data Processing, 8th annual symp., Estes Park, Colo. (W. H. Eichelberger, Denver Research Inst., Univ. of Denver, Denver, Colo.)

22-24. Endocrine Soc., New York, N.Y. (H. H. Turner, 1200 N. Walker, Oklahoma City 3, Okla.)

22-26. American College of Chest Physicians, New York, N.Y. (M. Kornfeld, 112 E. Chestnut St., Chicago 11, Ill.)

23-25. American College of Angiology, 7th annual, New York, N.Y. (A. Halpern, Secretary, 11 Hampton Court, Great Neck, N.Y.)

25-28. American Soc. of Agricultural Engineers, annual, Ames, Iowa. (J. L. Butt, 420 Main St., St. Joseph, Mich.)

25-29. Morphological Precursors of Cancer, intern. symp. (by invitation only), Perugia, Italy. (L. Severi, Div. of Cancer Research, Univ. of Perugia, P.O. Box 167, Perugia)

25-30. American Medical Assoc., 110th annual, New York, N.Y. (AMA, 535 N. Dearborn St., Chicago 10, Ill.)

25-30. American Soc. for Testing Materials, Atlantic City, N.J. (R. J. Painter, 1916 Race St., Philadelphia, Pa.)

25-30. International Union of Leather Chemists Societies, 8th congr., Washington, D.C. (F. O'Flaherty, Dept. of Leather Research, Univ. of Cincinnati, Cincinnati 21, Ohio)

25-30. National Education Assoc. of the U.S., Atlantic City, N.J. (W. G. Carr, 1201 16 St., NW, Washington 6)

26-27. Conference on Vacuum Metallurgy, 5th annual conf., New York, N.Y. (R. F. Bunshah, Dept. of Metallurgical Engineering, New York Univ., New York 53)

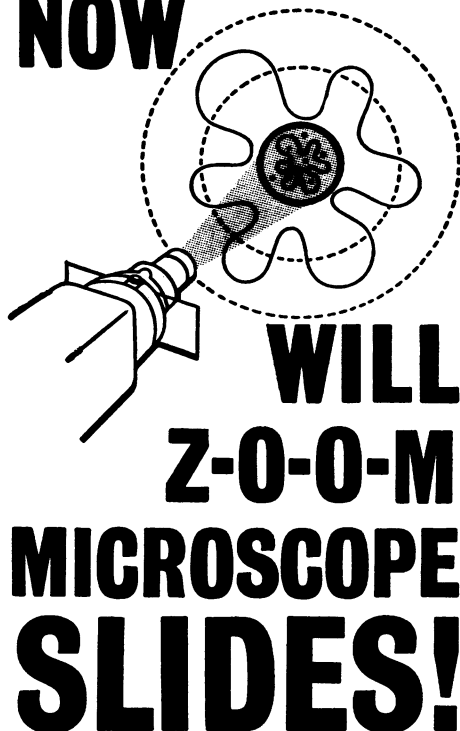
26-28. American Soc. of Heating, Refrigerating and Air-Conditioning Engineers, 68th annual, Denver, Colo. (J. H. Cansdale, ASHRAE, 234 Fifth Ave., New York 1)

26-28. Control of Noise, symp., Teddington, England. (Director, Natl. Physical Laboratory, Teddington, Middlesex)

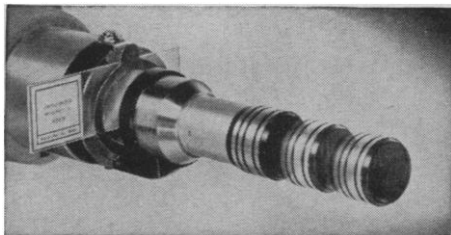
26-28. European Symp. on Space Technology, London, England. (Secretary, British Interplanetary Soc., 12 Bessborough Gardens, London, S.W.1)

26-28. Military Electronics, 5th natl. convention, Washington, D.C. (H. Davis, SAFRD, Pentagon, Washington 25)

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26-30. American Soc. for Engineering Education, annual, Lexington, Ky. (M. Baker, Univ. of Kentucky, Lexington)

26-30. Concepts and Design in Aerospace Electricity, Philadelphia, Pa. (D. H. Scott, General Electric Co., No. 3, Penn Center Plaza, Philadelphia 2)

26-30. Reading Conf., 3rd annual, Syracuse, N.Y. (R. A. Kress, Syracuse Univ., Syracuse 10)

26-9. Large Dams, 7th intern. congr., Rome, Italy. (U.S. Committee on Large Dams, c/o Engineering Joint Council, 29 W. 39 St., New York 18)

27. Colloid Symp., by Faraday Soc., Glasgow, Scotland. (A. S. Hyde, Chemistry Dept., Royal College of Science and Technology, Glasgow, C.1)

27-29 Analytical Astrodynamics, intern. symp., Santa Barbara, Calif. (Capt. J. L. Gilbert, Air Force Office of Scientific Research, Washington 25)

27-29. Society for Investigative Dermatology, Inc., New York, N.Y. (H. Beerman, 255 S. 17 St., Philadelphia 3, Pa.)

27-30. American Home Economics Assoc., Cleveland, Ohio. (Miss M. Warren, School of Home Economics, Univ. of Oklahoma, Norman)

27-30. Hurricanes, 2nd technical conf., American Meteorological Soc., Miami Beach, Fla. (AMS, 45 Beacon St., Boston 8, Mass.)

28-30. International Gas Conf., 8th Stockholm, Sweden. (R. H. Touwaide, Union Internationale de l'Industrie du Gaz, 4, avenue Palmerston, Brussels 4, Belgium)

28-30. Joint Automatic Control Conf., Boulder, Colo. (R. Kramer, Massachusetts Inst. of Technology, Cambridge 39)

28-1. Institute of Navigation, annual, Williamsburg, Va. (C. T. French, General Precision, Inc., 777 14 St., NW, Suite 611, Washington, D.C.)

29-1. American Assoc. of Physics Teachers, Stanford, Calif. (R. P. Winch, Williams College, Williamstown, Mass.)

July

1-3. Astronomical League, Detroit, Mich. (W. A. Cherup, 4 Klopfer St., Millvale, Pittsburgh 9, Pa.)

2-7. American Physical Therapy Assoc., Chicago, Ill. (Miss L. Blair, Executive Director, APTA, 1790 Broadway, New York 19)

2-9. Rural Medicine, 1st intern. congr., Tours, France. (Prof. Vacher, Secrétaire General, c/o Institut National de Médecine Agricole, Ecole de Médecine, Tours).

3-6. Clay Minerals, colloquium on genesis and synthesis of, intern., Paris, France. (Prof. Hocart, Faculté des Sciences, Université de Paris à la Sorbonne, 47 rue des Ecoles, Paris 5)

3-8. Treatment of High Level Radioactive Wastes, symp., Intern. Atomic Energy Agency, Vienna, Austria. (IAEA, 11 Kärtner Ring, Vienna 1)

3-16. Durability of Concrete, symp., Intern. Union of Testing and Research Laboratories for Materials and Structures, Prague, Czechoslovakia. (B. Hacar, Director, Inst. of Theoretical and Applied Mechanics, Czechoslovak Acad. of Sciences, Solínova 7, Prague 6-Dijvice)

4-8. Latin-American Assoc. of Physiological Sciences, 4th meeting, Ribeirão

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5-8. European Organization for Re-
search on Fluorine and Dental Caries Pre-
vention, 8th meeting, London, England.
(J. R. Forrest, Senior Dental Officer,
Ministry of Health, Savile Rd., London,
W.1)

5-8. Optical Materials, colloquium,
Intern. Commission for Optics, Paris,
France. (Institut d'Optique, 3, Boulevard
Pasteur, Paris 15)

5-9. International Convention on Radio
Techniques and Space Research, Oxford,
England. (British Institution of Radio
Engineers, 9 Bedford Sq., London, WC.1.)

5-12. International Ophthalmic Optical
Congr., London, England. (G. H. Giles,
Intern. Optical League, 65 Brook St.,
London, W.1)

6-7. Free Radicals, intern. symp., 5th,
Uppsala, Sweden. (Symposium Secretariat,
c/o Inst. of Physical Chemistry, Uppsala)

6-12. Agricultural Medicine, 1st intern.
congr., Tours, France. (J. Vacher, Institut
National de Medecine Agricole, Ecole de
Medecine, Tours)

6-12. Ribonucleic Acids and Polyphos-
phates: Structure, Synthesis and Function,
intern. colloquium, Strasbourg, France.
(Prof. Ebel, Faculté de Pharmacie, Uni-
versité de Strasbourg, Strasbourg)

9-14. Bio-Medical Electronics, 4th in-
tern. conf., New York, N.Y. (H. Schwan,
Moore School of Electrical Engineering,
Univ. of Pennsylvania, Philadelphia 4)

9-15. American Library Assoc., annual
conf., Cleveland, Ohio. (D. H. Clift, 50
E. Huron St., Chicago, Ill.)

9-15. International Dental Federation,
49th annual session, Helsinki, Finland.
(Office of Secretary General, IDF, 35
Devonshire Place, London, W.1, England)

10. Bibliographical Soc. of America,
Cleveland, Ohio. (E. Wolf II, Library
Co. of Philadelphia, Broad and Christian
Sts., Philadelphia 47, Pa.)

10-14. Institute in Technical and In-
dustrial Communications, 4th annual, Fort
Collins, Colo. (Director, Inst. in Technical
and Industrial Communications, Colorado
State Univ., Fort Collins)

10-14. International Congr. of Dietetics,
3rd, London, England. (Miss D. F. Hol-
lingsworth, British Dietetic Assoc. 251
Brampton Rd., London, S.W.3)

10-14. International Diabetes Federa-
tion, 4th congr., Geneva, Switzerland.
(B. Rilliet, Secretary General, 4 Boulevard
des Tranchees, Geneva)

10-14. Optical Instruments and Tech-
niques, conf., London, England. (K. J.
Habell, Natl. Physical Laboratory, Ted-
dington, Middlesex, England)

10-20. Plant Exploration and Introduc-
tion, technical meeting on, Food and
Agriculture Organization of the U.N.,
Rome, Italy. (Intern. Agency Liaison
Branch, Office of the Director General,
Viale della Terme di Caracalla, Rome)

10-24. Medical Electronics, 4th intern.
conf., New York, N.Y. (L. E. Flory, David
Sarnoff Research Center, Princeton, N.J.)

11-25. World Meteorological Organi-
zation, 3rd South American session, Rio
de Janeiro, Brazil. (WMO, 1 Avenue de
la Paix, Geneva, Switzerland)

12-18. Radioactivity in Food and Agri-
culture, Expert Committee on the Organi-

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zation of Surveys for FAO, Rome, Italy. (Intern. Agency Liaison Branch, Office of the Director General, Viale della Terme di Caracalla, Rome)

13-14. Data Acquisition and Processing in Biology and Medicine, conf., Rochester, N.Y. (Office of Public Information, Univ. of Rochester, River Campus Station, Rochester 20)

15-18. Life Insurance Medicine, 7th intern. congr., Lisbon, Portugal. (L. de Carvalho Cancellia, Secretary, Parede, Portugal)

16-18. British Congr. of Obstetrics and Gynaecology, 16th, Bristol, England. (Secretary, British Congr. of Obstetrics and Gynaecology, University Dept. of Obstetrics, Southmead Hospital, Bristol)

16-22. International Soc. for Clinical and Experimental Hypnosis, Rio de Janeiro, Brazil. (ISCEH, 33 E. 65 St., New York 21)

17-22. Soil Mechanics and Foundation Engineering, 5th intern. conf., Paris, France. (E. Caminade, Secrétaire General, 23 rue de Cronstadt, Paris 15)

18-20. Pulmonary Structure and Function, Ciba Foundation Symp. (by invitation only), London, England. (Ciba Foundation, 41 Portland Pl., London, W.1)

18-21. Inorganic Polymers, intern. symp., Nottingham, England. (General Secretary, Chemical Soc., Burlington House, London, W.1, England)

21-22. World Power Conf. (members only), Moscow, U.S.S.R. (Central Office, 201-2 Grand Buildings, Trafalgar Sq., London, W.C.2, England)

23-28. Otolaryngology, 7th intern. congr., Paris, France. (H. Guillon, Secretary General, 6 Avenue Mac-Mahon, Paris 17)

24-28. Nematology Symp., 6th intern., Ghent, Belgium. (J. van den Brande, Soc. of European Nematologists, Rijkslandbouwschool, Coupure links 235, Ghent)

24-29. Medical Electro-Radiological Societies, Latin Federation of, 5th congr., Paris, France. (C. Proux, Secretary, 9 rue Daru, Paris 8)

24-30. Urology, 12th intern. congr., Rio de Janeiro, Brazil. (J. Silva de Assis, Secretary, P.O. Box 1275, Belo-Horizonte, Brazil)

26. International Commission for the Prevention of Alcoholism, 7th annual meeting, Washington, D.C. (International Headquarters, 6840 Eastern Ave., NW, Washington 12)

26-28. Detection and Assay of Hormones by Immuno-Clinical Means, Ciba Foundation Colloquium (by invitation only), London, England. (Ciba Foundation, 41 Portland Pl., London, W.1)

27-1. Macromolecular Chemistry, intern. symp., Montreal, Canada, (Organizing Committee, P.O. Box 816, Sarnia, Ontario, Canada)

28-29. Linguistic Soc. of America, Austin, Tex. (A. A. Hill, Box 7790, University Station, Austin 12)

30-2. Soil Conservation Soc. of America, Lafayette, Ind. (H. W. Pritchard, 838 Fifth Ave., Des Moines 14, Iowa)

30-3. International Psychanalytical Congr., 22nd, Edinburgh, Scotland. (Miss C. de Monehau, 53 York Terrace, Regents Park, London, N.W.1, England)

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Potassium Nitrite, Crystal or Sticks
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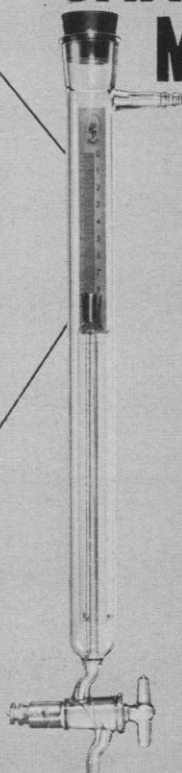
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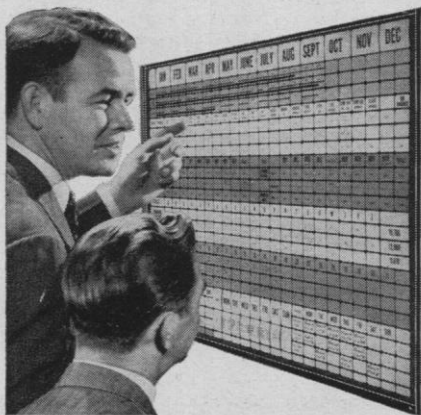
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31-4. Biophysics, 1st intern. congr.,
Stockholm, Sweden. (B. Lindström, Dept.
of Medical Physics, Karolinska Institutet,
Stockholm 60)

31-4. Differential Equations in Non-
Linear Mechanics, Air Force Acad., Colo-
rado Springs, Colo. (J. P. Lasalle, 7212
Bellona Ave., Baltimore 12, Md.)

31-11. Physics of the Solar System and
Re-entry Dynamics, conf., Blacksburg,
Va. (Bureau of Public Relations, Virginia
Polytechnic Inst., Blacksburg)

31-12. Electric Power and Problems of
Nuclear Power, seminar, U.N. Economic
Commission for Latin America, Mexico,
D.F. (A. Dorfman, Chief, Energy and
Water Resource Program, Avenue Provi-
dencia 871, Santiago, Chile)

August

1-26. Functional Analysis, 8th Amer-
ican Mathematical Soc. summer institute,
Stanford, Calif. (P. D. Lax, AMS, 190
Hope St., Providence 6, R.I.)

2-5. International Conf. of Pure and
Applied Chemistry, 21st, Montreal, Can-
ada. (R. Morf, Hoffmann-LaRoche, S.A.,
Grenzacherstrasse 124, Basel 2, Switzer-
land)

3-5. Canadian Chemical Conf. and Ex-
hibition, 44th, Montreal. (Chemical Inst.
of Canada, 48 Rideau St., Ottawa 2, Ont.)

5-9. International Rorschach Soc., 5th
congr., Fribourg-en-Brisgau, Germany. (A.
Friedemann, Chemin des Pêcheurs 6,
Bienne, Switzerland)

6-10. Occupational Medicine and Tox-
icology, 3rd Inter-American conf., Miami,
Fla. (W. B. Deichmann, School of Medi-
cine, Univ. of Miami, Coral Gables, Fla.)

6-12. Atmospheric Ozone and General
Circulation, symp., Arosa, Switzerland.
(H. U. Duetsch, 20 Carl Spittelerstrasse,
Zürich 53, Switzerland)

6-12. Chemical and Thermodynamic
Properties at High Temperatures, symp.,
Montreal, Canada. (N. F. H. Bright, Natl.
Research Council, Ottawa, Canada)

6-12. International Congr. of Pure and
Applied Chemistry, 18th, Montreal,
Canada. (L. Marion, Natl. Research Coun-
cil, Ottawa 2, Canada)

7-9. Guidance and Navigation Conf.,
American Rocket Soc., Palo Alto, Calif.
(J. J. Harford, ARS, 500 Fifth Ave., New
York, N.Y.)

7-9. International Committee of Electro-
Chemical Thermodynamics and Kinetics,
13th meeting, Montreal, Canada. (N. Ibl,
Eidg. Technische Hochschule, Laborato-
rium für Physikalische und Elektrochemie,
Universitätsstrasse 6, Zürich 6, Switzer-
land)

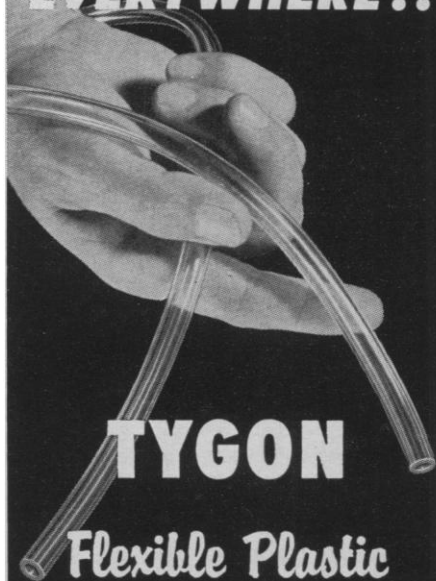
7-9. Space Age Astronomy, intern.
symp., Pasadena, Calif. (D. W. Douglas,
Jr., Douglas Aircraft Co., Inc., Santa
Monica, Calif.)

7-10. National Medical Assoc., New
York, N.Y. (J. T. Givens, 1108 Church
St., Norfolk, Va.)

7-11. High Temperature Chemistry and
Thermodynamics, symp., Montreal, Can-
ada. (L. Brewer, Dept. of Chemistry, Univ.
of California, Berkeley)

7-11. Seminar on Fast and Intermediate
Reactors, International Atomic Energy
Agency, Vienna, Austria. (IAEA, 11 Kärt-
ner Ring, Vienna 1)

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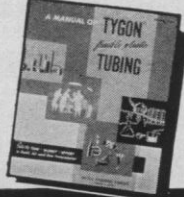
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8-11. Poultry Science Assoc., State College, Pa. (C. B. Ryan, Texas A & M College, College Station)

8-16. Society of Protozoologists, Prague, Czechoslovakia. (N. D. Levine, College of Veterinary Medicine, Univ. of Illinois, Urbana)

10-16. International Congr. of Biochemistry, 5th, Moscow, U.S.S.R. (N. M. Sissakian, Leninsky prospekt, 33, Moscow, B-71)

10-16. International Union of Biochemistry, 4th general assembly, Moscow, U.S.S.R. (R. H. S. Thompson, IUB, Dept. of Chemical Pathology, Guy's Hospital Medical School, London, S.E.1, England)

12-19. Fast Reactions, summer school, Cambridge, England. (Secretary of the Summer School, Dept. of Physical Chemistry, Lensfield Road, Cambridge)

13-18. Microchemical Techniques, intern. symp., University Park, Pa. (H. J. Francis, Jr., Pennsalt Chemical Corp., P.O. Box 4388, Chestnut Hill Post Office, Philadelphia 18, Pa.)

13-18. Theoretical Aspects of Magneto-hydrodynamics, seminar, University Park, Pa. (Conference Center, Pennsylvania State Univ. University Park)

13-19. International Assoc. of Applied Psychology, 14th congr., Copenhagen, Denmark. (Congress Secretariat, 19 Sankt Pederstraede, Copenhagen K.)

13-19. Training for Research in the Processes of Vision, 1st intern. conf., Rochester, N.Y. (Office of Public Information, River Campus Station, Rochester 20)

14-17. Calorimetry Conf., intern., Ottawa, Canada. (J. E. Kunzler, Bell Telephone Laboratories, Murray Hill, N.J.)

14-19. International Medical Conf. on Mental Retardation, 2nd, Vienna, Austria. (Miss E. Langer, Div. of Maternal and Child Health, State House, Augusta, Maine)

14-19. Symposium on Radiation, Vienna, Austria. (World Meteorological Organization, 1 Avenue de la Paix, Geneva, Switzerland)

14-25. Israel Medical Assoc., 5th world assembly, Jerusalem, Israel. (Beth-Harofeh, 1 Heffman St., Tel-Aviv, Israel)

14-26. Plant Pathology, conf., Lafayette, Ind. (J. F. Schafer, Dept. of Botany and Plant Pathology, Purdue Univ., Lafayette)

14-26. World Eucalyptus Conf., 2nd, São Paulo, Brazil. (Intern. Agency Liaison Branch, Office of the Director General, Food and Agriculture Organization, Viale delle Terme di Caracalla, Rome, Italy)

15-17. International Assoc. of Milk and Food Sanitarians, Jekyll Island, Ga. (H. L. Thomasson, P.O. Box 437, Shelbyville, Ind.)

15-18. Technical Assoc. of the Pulp and Paper Industry, 12th testing conf., Montreal, Canada. (TAPPI, 155 E. 44 St., New York 16)

15-24. International Astronomical Union, 11th general assembly, Berkeley, Calif. (D. H. Sadler, Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England)

16-18. Hypersonics Conf., intern., Cambridge, Mass. (J. J. Harford, American Rocket Soc., 500 Fifth Ave., New York, N.Y.)

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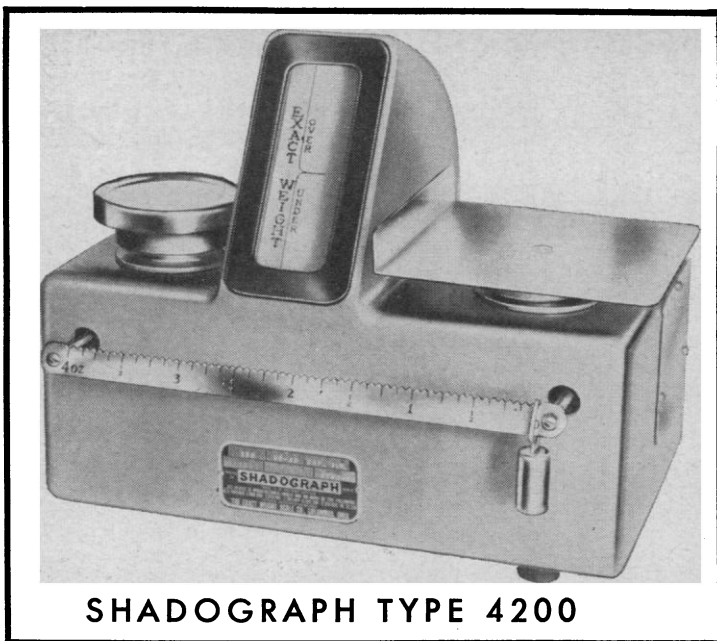


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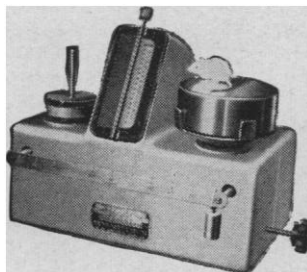
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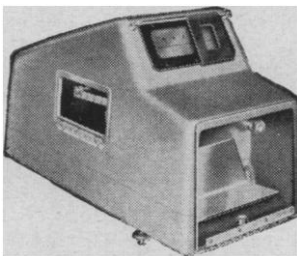
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18-21. Association of American Geographers, East Lansing, Mich. (M. F. Burrill, 1785 Massachusetts Ave., NW, Washington 6)

19-30. Agricultural Economists, 11th intern. conf., Cuernavaca, Mexico. (J. Ackerman, Farm Foundation, 600 S. Michigan Ave., Chicago, Ill.)

20-23. International Ergonomics Assoc., 1st congr., Stockholm, Sweden. (T. Olson, Dept. of Industrial Physiology, G.C.I. Lidingövägen 1, Stockholm)

20-24. American Veterinary Medical Assoc., Detroit, Mich. (H. E. Kingman, AVMA, 600 S. Michigan Ave., Chicago 5, Ill.)

21-23. International Hypersonics Conf., Cambridge, Mass. (F. Ridell, Avco Research Laboratory, 301 Lowell St., Wilmington, Mass.)

21-24. Biological Photographic Assoc., Chicago, Ill. (Mrs. J. W. Crouch, Box 1668, Grand Central P.O., New York 17)

21-24. International Conf. on Photoconductivity, Ithaca, N.Y. (E. Burstein, Dept. of Physics, Univ. of Pennsylvania, Philadelphia)

21-26. International Congr. of Psychotherapy, 5th, Vienna, Austria. (W. Spiel, Lazarettg. 14, Vienna 9)

21-26. World Traffic Engineering Conf., Washington, D.C. (Intern. Road Federation, 1023 Washington Bldg., Washington 5)

21-27. International Assoc. of Dental Students, congr., London, England. (D. H. Clark, Royal Dental Hospital, Leicester Sq., London, W.C.2)

21-27. International Congr. of Zoology, 16th, Washington, D.C. (The 16th Congr., Natl. Acad. of Sciences, 2101 Constitution Ave., NW, Washington 25)

21-31. United Nations Conf. on New Sources of Energy, Rome, Italy. (United Nations, New York, N.Y.)

21-2. International Congr. of Practical Medicine, Merano, Italy. (Bundesärztekammer, 1 Hädenkampstrasse, Cologne, Germany)

21-6. Pacific Science Congr., 10th, Honolulu, Hawaii. (Secretary General, 10th Pacific Science Congr., Bishop Museum, Honolulu)

22-25. International Pharmacological Meeting, 1st, Stockholm, Sweden. (A. Wretling, Karolinska Institutet, Stockholm 60)

22-30. International Conf. on Protozoology, Prague, Czechoslovakia. (N. D. Levine, College of Veterinary Medicine, Univ. of Illinois, Urbana)

23-25. Gas Dynamics, symp., biennial, Evanston, Ill. (J. J. Harford, American Rocket Soc., 500 Fifth Ave., New York, N.Y.)

23-26. Electron Microscope Soc. of America, Pittsburgh, Pa. (Miss M. L. Rollins, Agricultural Research Service, U.S. Department of Agriculture, P.O. Box 19,687, New Orleans 19, La.)

23-26. Institute of Management Sciences, 8th annual intern., Brussels, Belgium. (W. Smith, Inst. of Science and Technology, Univ. of Michigan, Ann Arbor)

23-1. Radioisotopes in the Biological Sciences, conf., Intern. Atomic Energy Agency, Vienna, Austria. (IAEA, 11 Kärtner Ring, Vienna 1)

24-26. Physiology of the Hippocampus, intern. colloquium, Montpellier, France. (Mme. Mineur, Centre National de la Recherche Scientifique, 13 Quai Anatole France, Paris 7)

26-1. Radiology, 10th intern. congr., Montreal, Canada. (C. B. Peirce, Suite 204, 1555 Summerhill, Montreal 25)

26-2. History of Science, 5th intern. congr., Ithaca, N.Y., and Philadelphia, Pa. (Secretary, 5th Intern. Congress of the History of Science, Cornell Univ., Ithaca)

27-29. International Congr. of Group Psychotherapy, 3rd, Paris, France. (W. Warner, P.O. Box 819, Grand Central Station, New York 17)

27-29. Psychosomatic Aspects of Neoplastic Disease, 2nd annual conv., Paris, France. (L. L. LeShan, Intern. Psychosomatic Cancer Study Group, 144 E. 90 St., New York 28)

27-31. American Soc. of Plant Physiologists, Lafayette, Ind. (C. O. Miller, Indiana Univ., Bloomington)

27-1. American Congr. of Physical Medicine and Rehabilitation, Cleveland, Ohio. (D. C. Augustin, 30 N. Michigan Ave., Chicago 2, Ill.)

27-1. American Inst. of Biological Sciences, annual, Lafayette, Ind. (J. R. Olive, AIBS, 2000 P St., NW, Washington 6)

27-1. Coordination Chemistry, 6th intern. conf., Detroit, Mich. (S. Kirschner, Dept. of Chemistry, Wayne State Univ., Detroit 2)

28-30. Mathematical Assoc. of America, Stillwater, Okla. (H. L. Alder, MAA, Univ. of California, Davis)

28-30. Oak Ridge Inst. of Nuclear Studies, 8th annual summer symp., Gatlinburg, Tenn. (Symposium Office, University Relations Division, Oak Ridge Inst. of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.)

28-30. Scandinavian Symp. on Fat Rancidity, 3rd, Sandefjord, Norway. (E. Törnudd, Gaustadallen 30, Blindern, Norway)

28-31. American Soc. for Pharmacology and Experimental Therapeutics, Rochester, N.Y. (K. H. Beyer, Merck, Sharp and Dohme Research Laboratories, West Point, Pa.)

28-31. Botanical Soc. of America, Lafayette, Ind. (B. L. Turner, Dept. of Botany, Univ. of Texas, Austin 12)

28-31. Chemical Physics of Nonmetallic Crystals, intern. conf., Evanston, Ill. (O. C. Simpson, Argonne National Laboratory, 9700 South Cass Ave., Argonne, Ill.)

28-1. Heat Transfer Conf., intern., Boulder, Colo. (S. P. Kezios, American Soc. of Mechanical Engineers, 29 W. 39 St., New York 18)

28-1. Ionization Phenomena in Gases, 5th intern. conf., Munich, Germany. (Secretariat, Oskar von Miller Ring 18, P.O. 463, Munich 1)

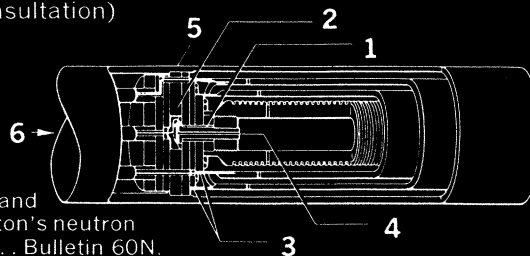
28-1. Radioactive Metrology, symp., Oxford, England. (B. W. Robinson, Applied Physics Division, National Physical Laboratory, Teddington, Middlesex, England)

28-1. Rockets and Astronautics, 3rd intern. symp., Tokyo, Japan. (Japanese Rocket Soc., 1-3, Ginza-Nishi, Chuo-Ku, Tokyo)

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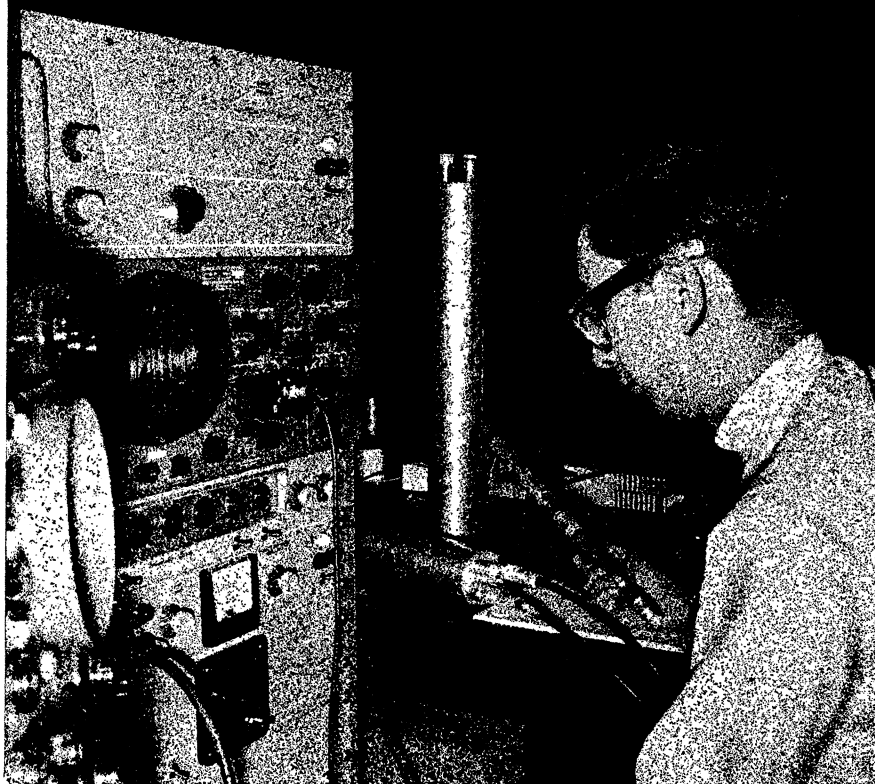


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