

and extension, the essence of nature for the Cartesians, were to him simply relations and not realities at all.

Fundamental reasons for the limited extent of Leibniz's influence on mathematics, despite his great talent, were stressed by U. Merzbach of the Smithsonian Institution. Leibniz had few students, although he sought them, traveled frequently, and was occupied with a host of other projects. G. de Santillana of the Massachusetts Institute of Technology commented briefly on Leibniz's intense passion for intellectual universality.

K. H. Niebyl of Temple University observed that the unity of Leibniz's thought, which has been sadly mutilated by increasing specialization among scholars, might best be appreciated from the vantage point of the sociology of knowledge. C. J. Friedrich of Harvard pointed out that Leibniz, like almost every other great philosopher, was deeply concerned with the political crises of his day and showed that Leibniz's interest in reconciling the Christian churches in Europe was consistent with the ameliorating optimism of his philosophy. However, in contradistinction to most of the leading political theorists of the 17th century, Leibniz was not a thoroughgoing supporter of the nascent nation state, but rather stressed the constitutional growth of smaller political units such as the free cities as the most promising path of political and socioeconomic development.

P. Wiener of the City University of New York commented on the breadth of Leibniz's views, in particular on his ability, rare in his time, to appreciate non-European cultures on their own terms, thus approaching the position of cultural relativism in anthropology. R. Cohen of Boston University noted that Leibniz's philosophy, like Hegel's, was capable of at least several interpretations.

In a brilliant presentation that galvanized the audience despite the late hour, J. Lettvin of M.I.T. demonstrated a fascinating parallel between propositions 15 to 17 in Leibniz's *Monadology* and current conceptions of the functioning of the human nervous system. A strikingly eloquent impromptu summary by J. Bronowski ended the formalities, but discussion continued unabated during the reception that followed.

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Forthcoming Events

June

13-20. American Soc. of **Limnology and Oceanography**, Seattle, Wash. (H. Curl, Jr., Dept. of Oceanography, Oregon State Univ., Corvallis)

14-16. **Materials**, 3rd intern. symp., Berkeley, Calif. (J. A. Pask, Dept. of Mineral Technology, Univ. of California, Berkeley)

14-17. **Applied Mechanics**, natl. congr., Univ. of Minnesota, Minneapolis. (R. Plunkett, 107 Aero Bldg., Univ. of Minnesota, Minneapolis 55455)

15-17. **Communications**, conf., Inst. of Electrical and Electronics Engineers, Philadelphia, Pa. (A. E. Joel, Room 2G-330, Bell Telephone Laboratories, Holmdel, N.J.)

15-22. **Science Seminar**, Air Force Office of Scientific Research, Albuquerque, N.M. (W. J. Price, Air Force Office of Scientific Research, Washington, D.C.)

17-18. American **Rheumatism** Assoc., Denver, Colo. (G. W. Speyer, 1212 Sixth Ave., New York 10036)

19-22. **Botanical** Soc. of America, Northeast sect. and **Torrey Botanical Club**, summer field mtg., Univ. of Tennessee, Knoxville. (R. K. Zuck, Dept. of Botany, Drew Univ., Madison, N.J.)

19-23. American **Nuclear** Soc., 12th annual mtg., Denver, Colo. (Executive Secretary, 244 E. Ogden Ave., Hinsdale, Ill.)

19-24. American Soc. of **Medical Technologists**, Los Angeles, Calif. (R. Matthaei, Suite 25, Hermann Professional Bldg., Houston, Tex. 77025)

19-25. **Herpetologists' League**, Miami, Fla. (F. B. Turner, Laboratory of Nuclear Radiation and Biology, University of California, Los Angeles)

19-25. American Soc. of **Ichthyologists and Herpetologists**, annual mtg., Miami, Fla. (The Society, Div. of Reptiles, U.S. Natl. Museum, Washington, D.C. 20561)

20-22. **Colloid and Surface Chemistry** Div., American Chemical Soc., 40th natl. symp., Univ. of Wisconsin, Madison. (E. Hutchinson, Dept. of Chemistry, Stanford Univ., Palo Alto, Calif. 94300)

20-22. American **Dairy Science** Assoc., Oregon State Univ., Corvallis. (E. O. Herreid, Station A. Box 250, Champaign, Ill.)

20-22. American **Malacological Union**, Pacific Div., conv., Univ. of Washington, Seattle. (Mrs. E. Marshall, 2237 NE 175 St., Seattle)

20-22. **Organic Scintillators**, symp., Argonne, Ill. (D. L. Horrocks, Chemistry Div., Argonne Natl. Laboratory, 9700 S. Cass Ave., Argonne 60440)

20-22. American **Physical** Soc., Minneapolis, Minn. (R. G. Sachs, P.O. Box 344, Argonne, Ill.)

20-23. American Soc. for **Engineering Education**, 74th annual mtg., Washington State Univ., Pullman. (L. Winner, 152 W. 42 St., New York 10036)

20-24. **Air Pollution Control** Assoc., 59th annual mtg., San Francisco, Calif. (A. H. Batchelder, California Research Corp., 200 Bush St., San Francisco 94120)

20-24. **Crystal Growth**, intern. conf., Boston, Mass. (Secretary, Crystal Growth

Conference, 40 Acorn Park, Cambridge, Mass. 02140)

20-24. **Determination and Applications of Radial Velocities**, symp., Toronto, Ont., Canada. (R. M. Petrie, Dominion Astrophysical Observatory, R. R. 7, Victoria, B.C., Canada)

21-22. **High Lysine Corn**, conf., Purdue Univ., Lafayette, Ind. (Div. of Conferences and Continuation Services, Purdue Univ., West Lafayette, Ind. 47907)

21-23. **Precision Electromagnetic Measurements**, 5th biennial conf., Boulder, Colo. (J. Cronland, Bureau of Continuation Education, 328 University Memorial Center, Univ. of Colorado, Boulder 80304)

22-24. **Calorimetry**, 21st conf., Boulder, Colo. (O. J. Kleppa, Inst. for the Study of Metals, Univ. of Chicago, Chicago, Ill. 60637)

22-24. **Heat Transfer and Fluid Mechanics**, inst., Univ. of Santa Clara, Santa Clara, Calif. (J. A. Miller, Dept. of Aeronautics, U.S. Naval Postgraduate School, Monterey, Calif.)

22-24. **Germinal Centers of Lymphatic Tissue**, conf., Bern, Switzerland. (H. Cottier, Inst. of Pathology, Freiburgstr. 30, 3008 Bern)

22-24. **Quantum Optics**, 2nd conf., Univ. of Rochester, Rochester, N.Y. (R. H. Picard, Optical Physics Laboratory, Air Force Cambridge Research Laboratories, Hanscom Field, Bedford, Mass.)

22-24. **Wood Chemistry**, 2nd Canadian symp., Ste. Marguerite, P.Q. (Chemical Inst. of Canada, 48 Rideau St., Ottawa 2)

22-25. **Endocrine** Soc., 48th annual mtg., Chicago, Ill. (The Society, 1200 N. Walker, Oklahoma City, Okla.)

23-25. **Carotinoids Other than Vitamin A**, conf., Trondheim, Norway. (N. A. Sorensen, Norwegian Inst. of Technology, Trondheim)

23-25. **Nuclear Energy**, 11th intern. congr., Rome, Italy. (Secretariat, Comitato Nazionale per l'Energia Nucleare, Via Belisario, 15, Rome)

23-25. National Soc. of **Nuclear Medicine**, 13th annual mtg., Philadelphia, Pa. (The Society, 333 N. Michigan Ave., Chicago, Ill. 60601)

23-25. **Obstetrics and Gynecology**, 14th Scandinavian congr., Oslo, Norway. (K. Björo, University Clinic of Obstetrics and Gynecology, Oslo)

23-26. **Nutritional and Metabolic Maladies**, European congr., Vittel, France. (F. Dumez, Soc. Général des Eaux Minérales de Vittel, 44, avenue George V, Paris 8, France)

23-25. **Biomedical Engineering**, symp., Milwaukee, Wis. (H. S. Geer, 617 N. 13 St., Milwaukee 53233)

24-25. **Naturally Occurring Sulphur Compounds**, conf., Copenhagen, Denmark. (A. Kjaer, Royal Veterinary and Agricultural College, Copenhagen V)

25-26. **Drug Information** Assoc., annual mtg., Chicago, Ill. (E. Conrad, American Medical Assoc., Chicago)

25-2. **Microcirculation**, 4th European conf., Cambridge, England. (P. A. G. Monro, Anatomy School, Univ. of Cambridge, Downing St., Cambridge)

26-28. Society for **Investigative Dermatology**, Chicago, Ill. (G. W. Hambrick, Jr., 3400 Spruce St., Philadelphia, Pa.)

26-29. American Soc. of **Agricultural**

Engineers, annual mtg., Univ. of Massachusetts, Amherst. (J. L. Butt, P.O. Box 229, St. Joseph, Mich.)

26-29. **European Soc. of Cardiovascular Surgery**, 15th intern. congr., Amsterdam, Netherlands. (Holland Organizing Centre, 16, Lange Voorhout, The Hague)

26-30. **American Medical Assoc.**, 99th annual mtg., Chicago, Ill. (The Association, 535 N. Dearborn St., Chicago, Ill. 60601)

26-30. **American Veterinary Medical Assoc.**, 103rd annual mtg., Louisville, Ky. (The Association, 600 S. Michigan Ave., Chicago, Ill.)

26-1. **American Physical Therapy Assoc.**, Los Angeles, Calif. (L. Blair, 1790 Broadway, New York 10019)

26-1. **American Soc. for Testing and Materials**, 69th annual mtg., Atlantic City, N.J. (ASTM, 1916 Race St., Philadelphia, Pa.)

26-2. **Chemistry of Natural Products**, 4th intern. symp., Stockholm, Sweden. (G. Aulin-Erdtman, Drottning Kristinas Vag 53, Stockholm O)

26-2. **International Assoc. of Gerontology**, 7th intern. congr., Vienna, Austria. (Mrs. I. Andersons, Austrian Medical Academy, Alserstr. 4, Vienna 9)

26-2. **Radiation Research**, 3rd intern. congr., Cortina d'Ampezzo, Italy. (G. Silini, Casella Postale 2359, Rome, Italy)

26-3. **National Education Assoc.**, conv., Miami Beach, Fla. (W. G. Carr, NEA, 1201 16th St., NW, Washington, D.C.)

27-28. **Astronomical Soc. of the Pacific**, annual summer mtg., Seattle, Wash. (P. W. Hodge, Dept. of Astronomy, Univ. of Washington, Seattle 98105)

27-28. **Fluorine Chemistry**, symp., Ann Arbor, Mich. (R. W. Parry, Dept. of Chemistry, Univ. of Michigan, Ann Arbor 48104)

27-29. **Aerospace Sciences**, West Coast mtg., Los Angeles, Calif. (W. J. Brunke, American Institute of Aeronautics and Astronautics, 1290 Sixth Ave., New York)

27-29. **American Soc. of Heating, Refrigerating, and Air-Conditioning Engineers**, Toronto, Ont., Canada. (R. C. Cross, 345 E. 47th St., New York 10017)

27-29. **Marine Technology Soc.**, 2nd annual conf., Washington, D.C. (C. W. Covey, Undersea Technology, 617 Lynn Bldg., 1111 N. 19 St., Arlington, Va. 22209)

27-29. **Association for Research in Ophthalmology**, mtg., Chicago, Ill. (H. E. Kaufman, Dept. of Ophthalmology, Univ. of Florida College of Medicine, Gainesville)

27-29. **Transfer of Physical Characteristics in Moving Fluids**, symp., Vienna, Austria. (H. Parkus, Technische Hochschule Wien, Vienna IV)

27-29. **Vacuum Metallurgy Div.**, American Vacuum Soc., 9th annual mtg., New York, N.Y. (M. A. Orehoski, U.S. Steel Corp., Applied Research Laboratory, Monroeville, Pa. 15146)

27-30. **Health Physics Soc.**, annual mtg., Houston, Tex. (J. G. Terrill, Jr., Div. of Radiological Health, U.S. Public Health Service, Washington, D.C.)

27-30. **Molecular Biology of Viruses**, symp., Univ. of Alberta, Edmonton, Canada. (J. S. Colter, Dept. of Biochemistry, Univ. of Alberta, Edmonton)

27-30. **International Primatological Soc.**, congr., Frankfurt, Germany. (Congress Secretary, Anatomical Inst., Ludwig Rehn Str. 14, 6 Frankfurt)

27-1. **Nobel Prize Winners**, 16th mtg., Lindau im Bodensee, West Germany. (H. F. Kiderlen, Standing Working Committee for the Nobel Prize Winner Mtgs., Postfach 11, 899 Lindau im Bodensee)

27-6. **Geophysical Theory and Computers**, symp., Cambridge, England, and Edinburgh, Scotland. (C. H. Smith, Upper Mantle Committee, Geological Survey of Canada, Ottawa, Ont.)

28-1. **Ferroelectricity**, intern. mtg., Prague, Czechoslovakia. (J. Fousek, Czechoslovak Acad. of Sciences, Inst. of Physics, Lumumbova 1, Prague 8)

28-1. **Surgery**, Czechoslovak congr., Bratislava. (L. Kuzela, Partizanska 2, Bratislava)

29-1. **Chemistry of Sulfides**, conf., Princeton Univ., Princeton, N.J. (J. Sapoch, 306 Nassau Hall, Princeton)

30-2. **European Soc. for the Study of Drug Toxicity**, congr., Prague, Czechoslovakia. (Tschechoslowakische Medizinische Gesellschaft, J. E. Purkyne, Prague)

31-3. **Tissue Culture Assoc.**, annual mtg., San Francisco, Calif. (W. A. Nelson-Rees, Naval Biological Laboratory, Naval Supply Center, Oakland, Calif., 94625)

July

1-3. **Radiology of Normal and Pathological Mammary Structures**, European symp., Strasbourg, France. (C. Gros, Service Central de Radiologie, Hôpital Civil, Strasbourg 67)

4-8. **British Medical Assoc.**, Exeter, England. (Secretary, Tavistock Sq., London W.C.1, England)

4-8. **Magnetohydrodynamic Electrical Power Generation**, intern. symp., Salzburg, Austria. (European Nuclear Energy Agency, 38 blvd. Suchet, Paris 16)

4-8. **Mathematical and Computational Methods in Social Sciences**, Rome, Italy. (P. Maranda, Dept. of Anthropology, Peabody Museum, Harvard Univ., Cambridge, Mass. 02138)

4-8. **European Orthodontic Soc.**, 42nd congr., Garmisch-Partenkirchen, West Germany. (H. Derichsweiler, Sonnenstr. 27/111, Munich 15)

4-8. **Rarefied Gas Dynamics**, 5th intern. symp., Oxford, England. (C. L. Brundin, Engineering Laboratory, Parks Rd., Oxford)

4-9. **South African Assoc. for the Advancement of Science**, annual congr., Johannesburg. (I. M. Sinclair, The Association, P.O. Box 6894, Johannesburg)

4-15. **Ekistics and the Future of Human Settlements**, intern. seminar, Athens, Greece. (D. Iatridis, 24, Strat. Syndesmou St., Athens 136)

5-8. **Blood Groups of Domestic Animals**, 10th European conf., Paris, France. (J. Bouw, European Soc. for Animal Blood Group Research, 5 Duivendaal, Wageningen, Netherlands)

5-8. **Lens Design with Large Computers**, intern. conf., Rochester, N.Y. (Inst. of Optics, Univ. of Rochester, Rochester 14627)

5-9. **Technical and Industrial Commu-**

nications, 9th annual inst., Colorado State Univ., Fort Collins. (B. K. McKee, Inst. in Technical and Industrial Communications, Rm. 322 Liberal Arts, Colorado State Univ., Fort Collins 80521)

5-9. **Society for the Study of Fertility**, annual mtg., Cambridge, England. (D. Casey, 8 Jesus Lane, Cambridge)

5-9. **American Soc. of Pharmacognosy**, 7th annual mtg., Univ. of Minnesota, Minneapolis. (L. C. Schramm, College of Pharmacy, Univ. of Minnesota, Minneapolis 55455)

6-7. **Space Flight Mechanics**, specialist conf., Denver, Colo. (R. S. Novosad, Martin-Marietta Corp., Mail No. A127, Denver 80201)

6-8. **Space and Ballistic Missile Technology**, 11th symp., U.S. Air Force Academy, Colo. (C. T. Morrow, Aerospace Corp., P.O. Box 95083, Los Angeles, Calif. 90045)

6-9. **National Soc. of Professional Engineers**, annual mtg., Minneapolis, Minn. (The Society, 2029 K St., NW, Washington, D.C. 20006)

7-8. **Spectroscopy and Automation**, symp., Inst. of Physics and the Physics Soc., Univ. of Bristol, Bristol, England. (R. Jenkins, M.E.L., Equipment Co., Analytical Laboratory, 207 Kings Cross Rd., London W.C.1)

7-8. **Chemically Grown Surface Films**, conf., Univ. of Strathclyde, Strathclyde, Scotland. (Meetings Officer, Inst. of Physics and the Physics Soc., 47 Belgrave Sq., London S.W.1)

8-12. **Graph Theory**, seminar, Rome, Italy. (International Computation Centre, Viale Civiltà del Lavoro 23, Rome)

9-15. **Medical Women's Intern. Assoc.**, 10th congr., Rochester, N.Y., and Niagara Falls, Ont. (The Association, 1790 Broadway, New York 10019)

10-15. **Power**, mtg., Inst. of Electrical and Electronics Engineers, New Orleans, La. (E. C. Day, IEEE, 345 E. 47 St., New York 10017)

10-16. **American Library Assoc.**, annual conf., New York, N.Y. (D. H. Clift, 50 E. Huron St., Chicago, Ill. 60611)

11-14. **Aerospace Systems**, conf., Seattle, Wash. (Inst. of Electrical and Electronics Engineers, 345 E. 47 St., New York 10017)

11-15. **International Council for Bird Preservation**, world conf., Cambridge, England. (The Council, c/o British Museum of Natural History, Cromwell Rd., London S.W.7)

11-15. **Use of Isotopes in Milk Technology**, seminar, Munich, West Germany. (Intern. Agency Liaison Branch, Office of the Director General, Food and Agriculture Org., Via delle Termi di Caracalla, Rome, Italy)

11-15. **Weights and Measures**, 51st natl. conf., Denver, Colo. (Executive Secy. of the Conference, National Bureau of Standards, Washington, D.C. 20234)

11-16. **Graphic Design and Visual Communications Technology**, 2nd intern. congr., Bled Yugoslavia. (Intern. Council of Graphic Design Assoc., Herengracht 567, Amsterdam-C, Netherlands)

11-16. **Hydraulics** 2nd Latin American congr., Caracas, Venezuela. (M. Gonzalez, Colegio de Ingenieros de Venezuela, Apartado de Correos 2006, Caracas)