

with statistical physical aspects. The formulation of a general statistical mechanical theory for nonequilibrium problems will probably be considered one of the major theoretical developments of our time, exactly as the formulation of equilibrium statistical mechanics appears now as one of the major achievements of the 19th century. It is clear why about 50 years separate the general formulation of equilibrium statistical mechanics by Gibbs and work of similar generality in nonequilibrium studies (Bogoliubov, Van Hove, and Prigogine). The nonequilibrium problem is an order of magnitude more difficult, and only general progress in many-body problems could lead finally to the elaboration of the necessary methods.

The first two lectures in this session, "Theory of fluctuations" by H. Callen (University of Pennsylvania) and "Entropy and irreversibility" by P. Resibois (Université Libre), gave a condensed, but fairly complete, survey of the main aspects of dissipative processes when studied from a statistical point of view. R. Balescu (Université Libre) and B. Coppi (University of California) discussed more precisely the statistical problem of plasma instability. This is a problem in which the long-range character of the Coulomb force plays an essential role. As a consequence, characteristic nonlinearities appear in the kinetic equation of evolution, thus giving rise to new stability problems. While these problems are becoming clearer in terms of the physical mechanisms involved, much remains to be done from the mathematical point of view.

Short contributions and discussion remarks comprised the last session—J. S. Kirkaldy (McMaster University) on thermodynamic effects in the nucleation of new phases, H. Frisch (Bell Telephone Laboratories) on nonequilibrium thermodynamics of systems with internally relaxing parameters, S. Prager (University of Minnesota) on diffusion-controlled chemical reactions, and R. J. Donnelly (University of Chicago) on hydrodynamic stability in quantum fluids. During the second part of this session, S. Kline (Stanford University), M. Kruskal (Princeton University), I. Prigogine, P. H. Roberts, L. E. Scriven (University of Minnesota), R. Schechter, and P. Weiss (Wayne State University) presented remarks about the Prigogine-Glansdorff theory. For physicists, the content of a variational theory is essentially expressed by its Lagrangian. However, as

clearly shown by the existence of approximation techniques of the Galerkin type, a Lagrangian is not necessary to provide us with a variational technique. Further investigations are certainly necessary to make more precise to what extent nonequilibrium thermodynamics can provide us with new calculational tools.

The symposium was sponsored by the Université Libre of Brussels (through the Instituts Internationaux de Physique et de Chimie, founded by E. Solvay), by the General Motors Research Laboratories, and by the University of Chicago. The organizing committee consisted of I. Prigogine and P. Glansdorff (Université Libre), J. M. Campbell, D. F. Hays, and R. Herman (General Motors), P. F. Chenea (Purdue University), and S. A. Rice and R. J. Donnelly (University of Chicago). The proceedings of the symposium are to be published by the University of Chicago Press.

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University of Chicago, Chicago, Illinois*

Forthcoming Events

September

9-11. Industrial Electronics and Control Instrumentation, conf., Philadelphia, Pa. (L. Winner, 152 W. 42 St., New York 10025)

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, Euchem conf., Sarlat, France. (Gesellschaft Deutscher Chemiker, Postfach 9075, 6 Frankfurt am Main, Germany)

9-13. Association of European Anesthetists, congr., Athens, Greece. (P. Maestracchi, 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)

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 Federation of Neurology, Schwarzschanerstr. 17, Vienna)

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

11-18. Plant Environment in Glass-houses, 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-Élysées, Brussels 5, Belgium)

11-26. Chemistry in Industry and Agriculture, intern. conf., Moscow, U.S.S.R. (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 Federation, 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, Université Libre de Bruxelles, 50, avenue 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, University Hospital, Edmonton)

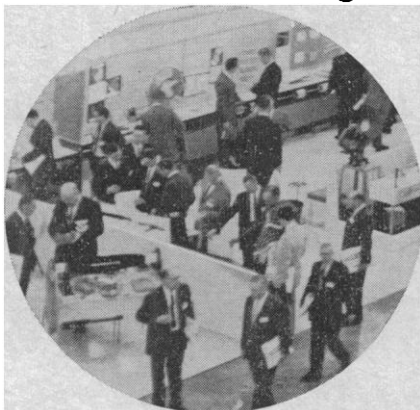
13-15. Association of French-Speaking Pediatricians, 20th congr., Nancy, France. (Prof. Pierson, Hôpital Général, Nancy)

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., Paris, France. (F. Abelès, Institut d'Optique, 3 Boulevard Pasteur, Paris)

13-16. Natural Mammalian Hibernation, 3rd intern. symp., Univ. of Toronto,

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Ontario, Canada. (E. South, Jr., Dept. of Physiology, Colorado State Univ., Fort Collins)

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

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^e, France)

14-20. **International Statistical Inst.**, 35th session, Belgrade, Yugoslavia. (The Institute, 2 Oostdijlann, 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. (Inst. of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 10021)

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., Re-

search 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, Research and Technology Div., Wright-Patterson AFB)

22-25. **Committee of European Acarologists**, symp., Milan, Italy. (G. Mathys, Stations Federales d'Essais Agricoles, Lausanne, Switzerland)

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

22-25. **British Assoc. for Cancer Research**, 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., Germany, Austria, Switzerland; Klagenfurt, Austria. (Ostrian Mycology Soc., Postfach 200, Vienna 1)

23-28. **Electronics and Vacuum Physics**, 3rd Czechoslovak conf., Prague, Czechoslovakia. (Organizing Committee, Ke Karlovu 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 Nephrology**, 3rd intern. congr., Washington, D.C. (Secretariat, 9650 Wisconsin Ave., Washington, D.C. 20014)

26-29. **American Inst. of Chemical Engineers**, 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 Extraction of Metals**, intern. conf., Atomic Energy Research Establishment, Harwell, England. (F. K. Pyne, B. 329, Harwell)

27-1. **Community Oral Health**, hemispheric conf., San Juan, P.R. (N. O. Harris, 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**, general 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 Testing**, symp., Dayton, Ohio. (D. W. J. McGonnagle, IIT Research Inst., 10 W. 35 St., Chicago, Ill. 60616)

28-30. **Industrial and Commercial 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. **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)

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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. **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, France)

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., Toronto, 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 Engineer-**

ing, 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, D.C. 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)

7-9. **Seismological Soc. of America**, eastern sec. 37th annual, Lamont Geological Observatory, Palisades, N.Y. (J. Dorman, Lamont Geological Observatory, Palisades 10964)

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)