as the ATP turnover time and the phosphate potential (ATP/ADP·P_i) were determined and related to electron transfer in various metabolic states of ascites tumor cells. The relationship between energy-linked cytochrome oxidation and light-induced electron transfer was also examined.

The full proceedings of the symposium on respiration and fermentation will be published by the Ronald Press. The abstracts of the symposium papers and the shorter contributed papers are scheduled to appear in the January issue of the *Journal of General Physiology*, currently the official publication organ of the Society of General Physiologists.

Newly elected officers are Albert Tyler, president; Teru Hayashi, vice-president; David Bishop, secretary; and Barry Commoner and Andrew Szent-Györgyi, councilors. Thirty-eight new members were voted into the society.

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Forthcoming Events

February

26–2. Current Trends in Nuclear Power, symp., Tucson, Ariz. (L. Weaver, Nuclear Engineering Dept., Univ. of Arizona, Tucson)

27–1. Application of Switching Theory in Space Technology, symp., Palo Alto, Calif. (J. P. Nach, Lockheed Aircraft Corp., Sunnyvale, Calif.)

March

1–3. Florida Acad. of Sciences, Gainesville. (J. B. Lackey, Dept. of Civil Engineering, Phelps Laboratory, Univ. of Florida, Gainesville)

1–3. Fundamental Cancer Research, Conceptual Advances in Immunology and Oncology, symp., annual, Houston, Tex. (Univ. of Texas, Anderson Hospital and Tumor Inst., Houston 25)

1–3. Scintillation and Semiconductor Counters, 8th symp., Washington, D.C. (G. A. Morton, RCA Laboratories, Princeton, N.J.)

2–4. National Wildlife Federation, Denver, Colo. (T. L. Kimball, 1412 16 St., NW, Washington 6)

4–7. Association for Higher Learning, Chicago, Ill. (Chief of Information, Dept. of the Army, Washington 25)

4–8. Association for Supervision and Curriculum Development, Las Vegas, Nev. (Chief of Information, Dept. of the Army, Washington 25)

4–8. Conference on Gas Turbine Power-Process Industries, American Soc. of Mechanical Engineers, Houston, Tex. (A. B. Conlin, Jr., ASME, 29 W. 39 St., New York 18)

5–9. Analytical Chemistry and Applied Spectroscopy, conf. and exposition of modern laboratory equipment, Pittsburgh, Pa. (C. F. Glick, Applied Research Laboratory, U.S. Steel Corp., Monroeville, Pa.)

5–16. United Nations Economic and Social Council, Committee for Industrial Development, New York, N.Y. (U.N., New York)

8. Problems Relating to Food and Feed Additives, Assoc. of Vitamin Chemists, Chicago, Ill. (H. S. Perdue, Abbott Laboratories, N. Chicago)

9–14. National Science Teachers Assoc., annual, San Francisco, Calif. (M. T. Ballou, Ball State Teachers College, Muncie, Ind.)

10–13. Microminiaturization Congr., New York, N.Y. (C. G. Sedan, American Watchmakers Inst., 18465 James Couzens Hwy., Detroit 35, Mich.)

11–17. American Congr. on Surveying and Mapping—Amer. Soc. of Photogrammetry, annual, Washington, D.C. (G. K. Emminizer, Jr., 106 Valley Rd., Ellicott City, Md.)

12. Wildlife Soc., Denver, Colo. (C. Gordon Fredine, 5921 Anniston Rd., Bethesda 14, Md.)

12–14. North American Wildlife and

Natural Resources Conf., Denver, Colo. (Wildlife Management Inst., 709 Wire Bldg., Washington 5)

12–16. Society of Automotive Engineers Detroit, Mich. (R. W. Crory, SAE, 485 Lexington Ave., New York 17)

12–23. International Radio Consultative Committee, Study Group on Space Systems, Washington, D.C. (Palais Wilson, Geneva, Switzerland)

13–14. Packaging of Chemical Products, symp., annual, St. Louis, Mo. (Manufacturing Chemists' Assoc., 1825 Connecticut Ave., NW, Washington 9)

13–15. Application of Statistics and Computers to Fuels and Lubricants Research Programs, symp., San Antonio, Tex. (R. Quillian, Southwest Research Inst., 8500 Culebra Rd., San Antonio 6)

13–15. Electronic Industries Assoc., Washington, D.C. (Chief of Information, Dept. of the Army, Washington 25)

14–16. National Missiles and Space Conf., Washington, D.C. (Chief of Information, Dept. of the Army, Washington 25)

15–16. Textile Research Inst., annual, New York, N.Y. (P. C. Alford, TRI, Princeton, N.J.)

15–16. Western Industrial Writing Inst., 7th Los Angeles, Calif. (R. M. Winters, American Industrial Writing Inst., P.O. Box 5453, Pasadena, Calif.)

15–17. Optical Soc. of America, Washington, D.C. (M. E. Warga, OSA, 1166 16 St., NW, Washington 6)

15–18. International Assoc. for Dental Research, St. Louis, Mo. (J. C. Muhler, Indiana Univ. Medical Center, 1120 W. Michigan St., Indianapolis 7)

15–23. American Soc. of Tool Engineers, annual, Detroit, Mich. (H. E. Conrad, ASTE, 10700 Puritan Ave., Detroit 38)

18–21. American Assoc. of Dental Schools, St. Louis, Mo. (R. Sullens, AADS, 840 N. Lake Shore Dr., Chicago 11, Ill.)

18–22. Bilharziasis, symp., Cairo, Egypt. (A. H. Mousa, Ciba Foundation, 41 Portland Pl., London, W.1, England)

18–22. International Anesthesia Research Soc., Bal Harbour, Fla. (Scientific Liaison Office, Natl. Research Council, Sussex Dr., Ottawa, Ont., Canada)

19–23. International Conf. on Equatorial Geophysics, Lima, Peru. (J. A. Broggi, Instituto Geofisico de Huancayo, Apdo. 46, Huancayo, Peru)

19–23. National Assoc. of Corrosion Engineers, Kansas City, Mo. (T. J. Hull, NACE, 1061 M&M Bldg., Houston, Tex.)

20–21. Hypervelocity Techniques, symp., Denver, Colo. (A. M. Krill, Mechanics Div., Univ. of Denver Research Inst., Denver 10)

20–23. American Assoc. of Anatomists, annual, Minneapolis, Minn. (C. B. Heggestad, Dept. of Anatomy, Univ. of Minnesota, Minneapolis 14)

20–23. High-Temperature Solution Chemistry, symp., Washington, D.C. (J. W. Cobble, Purdue Univ., Lafayette, Ind.)

20–23. Institute of Metals, London, England. (R. E. Moore, 17 Belgrave Sq., London, S.W.1)

20–29. American Chemical Soc., natl., Washington, D.C. (A. T. Winstead, ACS, 1155 16 St., NW, Washington 6)

(See 19 January issue for comprehensive list)

New Products

The information reported here is obtained from manufacturers and from other sources considered to be reliable. Neither Science *nor the writer assumes responsibility for the accuracy of the information. All inquiries concerning items listed should be addressed to the manufacturer. Include the department number in your inquiry.*

Integrator (model No. J101B) is an analog accumulater that can be used with instruments that supply full-scale output signals of 1 ma at voltages between 10 and 100 v. The integrator is provided with an input adjustment that accommodates to the input signal source voltage. The results of integration are indicated by a six-digit counter and a 2½-in. meter to interpolate between successive values of the least significant figure of the counter. Accuracy is said to be ±1 percent, and drift less than 0.01 percent per hour. A mechanically preset counter terminates integration and controls auxiliary equipment when the preset value is reached. Integration at full-scale rate may continue for as long as 280 hours for one complete counter cycle, or indefinitely if the counter cycling is recorded. (Elcor Inc., Dept. Sci566, 1225 W. Broad St., Falls Church, Va.)

Surface temperature transducer is a platinum-resistance type measuring 1-9/16 by 9/16 by 0.014 in. thick. A high-temperature cement provided for installation is said to maintain its bond strength beyond 2000°F, the upper limit of the range specified for the transducer. Installation by welding is also possible. Resistance is 100 ohms ±1 percent at 77°F. A response time of milliseconds is said to be achievable. (Winsco Instruments & Controls Co., Dept. Sci547, 11789 W. Pico Blvd., Los Angeles 64, Calif.)

Electrostatic generators provide essentially pure d-c outputs continuously variable to 600 kv at currents up to 4 ma. Model AK600-4 can be switched to provide either medium or high-stability output. Ripple is 0.01 percent; full-load voltage drop never exceeds 500 v; regulation is better than 0.1 percent for 5 percent change in line voltage; output capacitance is 1500 pf. Model AKS600-4 holds ripple to ±1 percent; full-load voltage drop is less than 10 kv; regulation is less than 0.5 percent for 5 percent line change; and output capacitance is 500 pf. Electrical requirement for both models is 220/380 volts, 60 cy/sec, three phase. (Sames, Dept. Sci565, 30 Broad St., New York 4)