Meetings

Esperantists

The 45th annual international congress of Esperantists was held in Brussels, Belgium, from 30 July to 6 August, 1960, under the "alta protektado" of His Majesty Baudouin, King of the Belgians. In attendance were 1930 persons from many parts of the world, representing 42 nations. At the opening session a letter of greeting from King Baudouin was read; an address was given by M. Van Acker, former Prime Minister of Belgium; and short speeches were made by official representatives of several countries and by representatives of certain agencies of some others, including the U.S., whose Voice of America uses Esperanto as well as various national languages.

A number of organizations which use Esperanto or are promoting its use for their special purposes held meetings in connection with the general congress. Among them was the Internacia Scienca Asocio Esperantista, which has been in existence more than half a century and publishes an organ of its own, as well as contributing directly, through articles by individual members, to scientific and technical journals which use mainly the national languages. All the sessions of these diverse organizations, as well as the sessions and social functions of the general congress, were carried on smoothly and expeditiously in Esperanto, without translation.

Whereas the 1959 congress (held in Warsaw) emphasized the "Zamenhof year," in commemoration of the centenary of the Polish-born author of Esperanto, whose name appears on UNESCO's list of persons whose birthdays the member nations are requested to honor, the 1960 congress urged that special effort be made during the coming year to increase the teaching of Esperanto as a school subject. It was noted, among other things, that nearly 4000 pupils are taught Esperanto in 127 schools of various grades in Yugoslavia, no doubt owing in part to the efforts of Esperantists during their "summer pedagogical week."

The congress in Brussels was preceded by the usual institute, the so-called Somera (summer) University, during which experts on various subjects lecture in Esperanto. Maximum attendance at the lectures was reported as about 700. Among the subjects treated were the following: Problems of international law relating to space travel; juristic problems relating to atomic energy; the spawning of eels and the relation of European and American eels; Belgian literature from the French point of view; English education as viewed by other countries; toponomy

(the study of place names); and historical data on commercial relations between the Canary Islands and Flanders.

An invitation for the 46th congress to convene in Harrogate, England, in 1961 was presented and accepted. As for the 1965 congress, for which an invitation from Japan had been announced at the Warsaw congress, it was stated that the invitation would probably be formally repeated later, with full details, after the forthcoming meeting of the national congress of Japanese Esperantists.

IVY KELLERMAN REED 315 Westbourne Street, La Jolla, California

Forthcoming Events

January

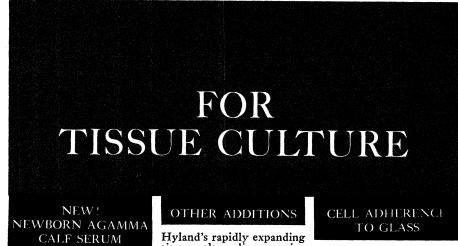
8-12. Thermoelectric Energy Conversion, symp., Dallas, Tex. (P. H. Klein, General Electric Co., Electronics Lab., Bldg. 3, Room 221, Syracuse, N.Y.)

8-13. American Acad. of Orthopedic Surgeons, Miami Beach, Fla. (J. K. Hart, 116 South Michigan Ave., Chicago 3, Ill.)

8-14. Bahamas Conf. on Hypertension, Nassau. (I. M. Wechsler, P.O. Box 1454, Nasssau)

8-14. International Conf. of Social Work, 10th, Rome. (Miss R. M. William, ICSW, 345 E. 46 St., Room 1012, New York 17)

8-15. Latin American Convention of



An especially processed serum containing exceedingly high content of alpha globulin (37 to 40% of the total protein content) and 7 to 10% beta globulin. Gamma globulin chemically removed by fractionation technics. Carefully processed to preserve all other proteins and growth components. Every lot biologically tested and rigidly assayed by moving boundary electrophoresis before release. Nontoxic. Recommended as a replacement for Fetal Calf Serum in many tissue culture procedures, including preparation of Puck's media. Supplied as ready-to-use

Supplied as ready-to-use liquid (sterile) or stable, freeze-dried powder (non-sterile). Liquid product available in 100 cc size. Dried product supplied in 7 gm size (equivalent to 100 cc finished serum) or 42 gm size (equivalent to 600 cc finished serum).

tissue culture line now includes the following components for use in Puck's media: Puck's Medium N16 (without l-glutamine), 100 cc Puck's Saline F, 100 cc NCTC 109 Medium, 100 cc and Fetal Calf Serum, Liquid, 30 cc and 100 cc.

Comments continue to be received on the high quality of Hyland's regular Calf Serum. It has unusually high content of alpha globulin (28 to 29% of the total protein content). Alpha globulin contains the fetuin component, which is required for growth, and in its presence most cells adhere to glass and assume a flattened appearance. Hyland Calf Serum is supplied in either liquid or freeze-dried form, in 30 cc and 100 cc sizes.

Write today for a listing of the complete Hyland Tissue Culture line. In addition to the products already mentioned, we offer a wide selection of liquid and dried products in a practical variety of sizes. Our line embraces Serums and Serous Fluids, Embryo Extracts and Ultrafiltrates, Balanced Salt Solutions, Synthetic Media and special formulations.

The Hyland Tissue Culture Laboratory is always at your service and welcomes your inquiries about special formulas or products you would like added to our line.



HYLAND LABORATORIES 4501 Colorado Blvd., Los Angeles 39, California Astronomy, 2nd, Lima, Peru. [A. C. Parro, Enrique Palacios 187 (359), Chorrillos (Lima), Peru]

9-11. Reliability and Quality Control, 7th natl. symp., Philadelphia, Pa. (R. L. Schwerin, ACF Electronics Div., ACF Industries, Inc., 11 Park Place, Paramus, N.J.)

9-12. White House Conf. on Aging, Washington, D.C. (Special Staff on Aging, Office of the Undersecretary, Dept. of Health, Education and Welfare, Washington 25)

9-13. Society of Automotive Engineers, annual, Detroit, Mich. (SAE, 485 Lexington Ave., New York 17)

10-11. Conference on Physics of Polymers, Bristol, England. (Organizing Secretary, Physical Soc., 1 Lowther Gardens, London, S.W.7)

16-18. American Astronautical Soc., annual, Dallas, Tex. (F. F. Martin, AAS, 304 S. Woodstock Dr., Haddonfield, N.J.)

16-19. Instrument Soc. of America, winter instrument-automation conf., St. Louis, Mo. (W. H. Kushnick, 313 Sixth Ave., Pittsburgh 22, Pa.)

22-28. Bahamas Serendipity Conf., 3rd, Nassau. (I. M. Wechsler, P.O. Box 1454, Nassau)

23-25. Institute of the Aeronautical Sciences, 29th annual, New York, N.Y. (Meetings Dept., IAS, 2 E. 64 St., New York 21)

23-26. American Meteorological Soc., 41st annual, New York, N.Y. (K. C. Spengler, AMS, 45 Beacon St., Boston 8, Mass.)

24-27. American Mathematical Soc., 67th annual, Washington, D.C. (J. W. Green, Univ. of California, Los Angeles)

24-27. Society for Industrial and Applied Mathematics, Washington, D.C. (G. Kaskey, Remington Rand Univac, 1900 W. Allegheny Ave., Philadelphia, Pa.)

24-27. Society of Plastics Engineers, 17th annual conf., Washington, D.C. (T. A. Bissell, SPE, 65 Prospect St., Stamford, Conn.)

25-27. Mathematical Assoc. of America, annual, Washington, D.C. (H. L. Alder, Dept. of Mathematics, Univ. of California, Davis)

26-27. Western Spectroscopy Conf., 8th annual, Pacific Grove, Calif. (R. C. Hawes, Applied Physics Corp., 2724 S. Peck Rd., Monrovia, Calif.)

27-28. Royal College of Physicians and Surgeons, annual, Ottawa, Ontario, Canada. (T. J. Giles, 150 Metcalfe St., Ottawa)

28-30. Control of the Mind, symp., San Francisco, Calif. (Dept. of Continuing Education in Medicine, Univ. of California Medical Center, San Francisco 22)

28-31. Infertility, sectional meeting, Intern. Fertility Assoc., Acapulco, Mexico. (M. L. Brodny, 4646 Marine Dr., Chicago 40, Ill.)

29-3. American Inst. of Electrical Engineers, winter meeting, New York, N.Y. (E. C. Day, AIEE, Technical Operations Dept., 33 W. 39 St., New York 18)

30-3. Clinical Cong. of Abdominal Surgeons, Miami Beach, Fla. (B. F. Alfano, 663 Main St., Melrose 76, Mass.)

30-4. American Library Assoc., mid-

winter meeting. (Mrs. F. L. Spain, New York Public Library, 20 W. 53 St., New York, N.Y.)

31-4. American Assoc. of Physic Teachers, New York, N.Y. (F. Verbrugge, 135 Main Engineering, Univ. of Minnesota, Minneapolis)

31-4. American Physical Soc., annual, New York, N.Y. (K. Darrow, APS, Columbia Univ., 116th St. and Broadway, New York)

February

1-3. Solid Propellant Rocket Conf., American Rocket Soc., Salt Lake City, Utah. (R. D. Geckler, Aerojet-General Corp., P.O. Box 1947, Sacramento, Calif.)

1-3. Winter Military Electronics Conv., 2nd, Inst. of Radio Engineers, Los Angeles, Calif. (A. N. Curtiss, IRE Business Office, 1435 S. La Cienega Blvd., Los Angeles 35)

1-4. American Physical Soc., annual, New York, N.Y. (K. K. Darrow, APS, 538 W. 120 St., New York 27)

2-4. Congress on Administration, 4th annual, Chicago, Ill. (R. E. Brown, American College of Hospital Administrators, 840 N. Lake Shore Dr., Chicago 11)

6-8. American Acad. of Allergy, 17th annual, Washington, D.C. (J. O. Kelly, 756 North Milwaukee St., Milwaukee 2, Wis.)

6-8. Geodesy in the Space Age, symp., Ohio State Univ., Columbus. (W. A. Heiskanen, Ohio State Univ., 1314 Kinnear Road, Columbus 12)

9-15. Second Allergy Conf., Nassau, Bahamas. (I. M. Wechsler, P.O. Box 1454, Nassau)

13-16. American Soc. of Heating, Refrigerating and Air-Conditioning Engineers, Chicago, Ill. (R. C. Cross, 234 Fifth Ave., New York 1)

14-15. Conference on Microdosimetry, 2nd, Rochester, N.Y. (N. Kreidl, Bausch & Lomb Optical Co., Inc., Rochester 2)

15-17. International Solid-State Circuits Conf., Philadelphia, Pa. (J. J. Suran, Bldg. 3, Room 115, General Electric Co., Electronics Park, Syracuse, N.Y.)

16-18. Biophysical Soc., annual, St. Louis, Mo. (W. Sleator, Dept. of Physiology, Washington Univ., St. Louis 10)

ology, Washington Univ., St. Louis 10) 22-25. American Educational Research Assoc., annual, Chicago, Ill. (G. T. Buswell, 1201 16th St., NW, Washington 6)

23-25. American Orthopsychiatric Assoc., annual, New York, N.Y. (Miss M. F. Langer, 1790 Broadway, New York 19)

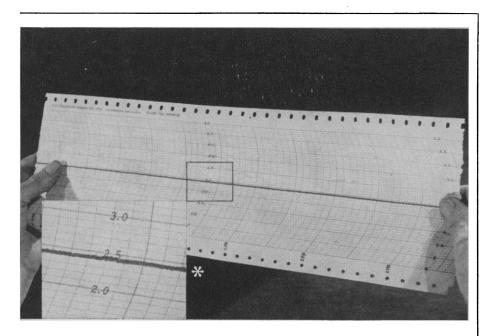
23-25. Fifteenth Annual Symp. on Fundamental Cancer Research, Houston, Tex. (Publications Dept., Univ. of Texas M.D. Anderson Hospital and Tumor Inst., Texas Medical Center, Houston 25)

26-1. American Inst. of Chemical Engineers, natl., New Orleans, La. (F. J. Van Antwerpen, AICHE, 25 W. 45 St., New York 36)

26-2. American Inst. of Mining, Metallurgical, and Petroleum Engineers, annual, St. Louis, Mo. (AIME, 29 W. 39 St., New York 18)

27-3. Conference on Analytical Chemistry and Applied Spectroscopy, 12th, Pittsburgh, Pa. (L. P. Melnich, U.S. Steel Corp., Monroeville, Pa.)

(See 16 December issue for comprehensive list)



Measure fractions of a microvolt...approaching the Johnson noise limit... with Beckman DC Breaker Amplifiers. These high gain, low drift amplifiers are insensitive to vibrations, provide fast response and feed outputs directly to standard recorders. This means you can measure dc and low frequency ac voltages which were impossible or too tedious with devices like suspension galvanometers. A few applications include use with ultra-precision bridge circuits for measurement of differential thermocouples, nerve voltages, and other extremely low voltages. For detailed specifications write for Data File 38-52-11

Beckman Scientific and Process Instruments Division

Beckman Instruments, Inc. \$\forall 75.19\$\text{O}\$ 2500 Fullerton Road, Fullerton, California

*Note low noise level...less than .003 microvolt