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WRITE FOR TECHNICAL PUBLICATION E-94(1)

LEEDS & NORTHRUP COMPANY, 4926 STENTON AVE., PHILA., PA.
American Chemical Society will meet in Boston from September 11 to 15 in connection with its ninety-eighth convention. Numerous symposia will supplement the regular sessions.

The divisions and their chairmen are: Agricultural and Food, Dr. Roy C. Newton, of Swift and Company, Chicago; Biological, Dr. Joseph J. Pfiffner, of Parke, Davis and Company, Detroit; Cellulose, Professor George L. Clark, of the University of Illinois; Chemical Education, Martin V. McGill, of Lorain High School, Lorain, Ohio; Colloid, Professor Lloyd H. Reyerson, of the University of Minnesota; Fertilizer, Egbert W. Magruder, of the F. S. Royster Guano Company, Norfolk, Va.; Gas and Fuel, Dr. Frank H. Reed, of the Illinois Geological Survey; History of Chemistry, Professor Tenney L. Davis, of Massachusetts Institute of Technology; Industrial and Engineering, Dr. Walter L. Badger, of the Dow Chemical Company, Ann Arbor, Mich.; Medicinal, Professor Walter H. Hartung, of the University of Maryland; Microchemistry, Lawrence T. Hallett, Eastman Kodak Company, Rochester, N. Y.; Organic, Professor Werner E. Bachmann, of the University of Michigan; Paint and Varnish, Professor William H. Gardner, of the Polytechnic Institute, Brooklyn, N. Y.; Petroleum, Dr. Per K. Frolich, of the Standard Oil Development Company, Elizabeth, N. J.; Physical and Inorganic Chemistry, Professor George Scatchard, of Massachusetts Institute of Technology; Rubber, Dr. G. K. Hinshaw, of the Goodyear Tire and Rubber Company, Akron, Ohio; Sugar Chemistry and Technology, A. R. Nees, of the Great Western Sugar Company, Denver, Colo.; Water, Sewage and Sanitation, Professor Alvin P. Black, of the University of Florida.

The divisions will hold symposia as follows:

The Division of Agricultural and Food Chemistry is sponsoring a symposium on Nitrogen-Free Extracts, with Dr. C. A. Browne, of the U. S. Bureau of Chemistry and Soils, Washington, D. C., in charge, and another on Plant Hormones. Together with the Division of Medicinal Chemistry, the food chemists will cooperate with the Biological Division in a program on Vitamins and Nutrition. Papers on other agricultural and food topics will also be heard.

The Division of Biological Chemistry will devote a day to a symposium on Methods in Protein Chemistry. It will also join the Medicinal Division in a symposium on Sterols and Related Compounds. General papers in the field of biological chemistry will be given at other sessions. The Cellulose Division will hear a variety of general papers.

Dr. Mary L. Sherrill, of Mount Holyoke College, will be chairman of a symposium on the Training and Opportunities for Women in Chemistry to be held by the Division of Chemical Education. The Colloid Division will participate in a symposium on X-Ray Studies of Substances of High Molecular Weight, with Dr. Maurice L. Huggins, of the Eastman Kodak Company, presiding. The Fertilizer Division will have a program of general papers in three sessions.

A symposium on the Combustion of Solid Fuels under the chairmanship of Martin A. Meyers, of the Coal Research Laboratory of the Carnegie Institute of Technology, will be sponsored by the Gas and Fuel Division. A comprehensive session on Industrial Wastes is planned by the Division of Industrial and Engineering Chemistry and Water, Sewage and Sanitation Chemistry. Dr. Walter A. Schmidt, president of the Western Precipitation Company, will be chairman.

A third Unit-Process Symposium will be held by the Industrial and Engineering Division, with Professor R. Norris Shreve, of Purdue University, presiding. A symposium on Resins and Plastics from Hydrocarbons is planned by the Petroleum, Paint and Varnish, and Rubber Divisions.

The Division of Physical and Inorganic Chemistry, of which Professor Harold C. Urey, of Columbia University, is secretary, will have a program of a hundred and thirteen papers. Professor F. G. Keyes, of the Massachusetts Institute of Technology, will preside at a symposium on Low Temperature Research, and Professor W. C. Fernelius, of the Ohio State University, at a symposium on Compounds with Elements in Unusual States of Valence. Dr. Scatchard, Professor Charles P. Smyth, of Princeton University, and Professor Urey will be chairmen of the sessions on physical chemistry, while Professor G. Frederick Smith, of the University of Illinois, will preside at the sessions on inorganic and analytical chemistry.

A symposium on Vulcanization in addition to a special celebration of the centenary of the discovery of the vulcanization of rubber by Charles Goodyear will be sponsored by the Rubber Division. Numerous general papers on rubber chemistry are also scheduled.

RECENT DEATHS AND MEMORIALS

Dr. Wendell Clay Mansfield, geologist of the U. S. Geological Survey, died suddenly on July 24 at the age of sixty-five years. His principal line of research was the late-Tertiary mollusks of the southeastern states, particularly of Florida.

Dr. Burtis Burr Breeze, who retired two years ago as head of the department of psychology at the University of Cincinnati with the title of professor emeritus, died on July 31 at the age of seventy-two years.

John Ritchie, of Malden, Mass., died on July 22 at the age of eighty-eight years. Mr. Ritchie was interested in astronomy and for many years was in charge of the collection and distribution of astronomical news from the Harvard Observatory. He also was active in conchology and in other scientific subjects.

John Harvey Lovell, known for his work with bees, biological editor of "Cyclopedia of Bee Culture" died on August 2 at the age of seventy-eight years.

Professor Archibald Young, Regius professor of