

THE CONVENTION OF THE ELECTRO-CHEMICAL SOCIETY

THE fall convention of the Electrochemical Society will be held in New York City on September 11, 12 and 13. New York was selected by the Board of Directors in order to combine attendance at the convention with a visit to the New York World's Fair. It is planned that these take the place of the usual plant inspections. There will be three technical sessions, to be held at the Hotel Commodore. The Monday morning session will be devoted to papers on electrothermics and electronics. On Tuesday morning will be the symposium on "Recent Progress in Electro Analysis," in charge of Professor Hiram S. Lukens, of the University of Pennsylvania. The Wednesday morning session will be in charge of Dr. Robert B. Mears, of the Aluminum Company of America, and will be devoted to "The Influence of Cathodic Reactions on Corrosion." There will be at least six contributions at each of the three sessions. A special session will be held at the Fair Grounds on Monday afternoon in the Hall of Science. Professor Bradley Stoughton, of Lehigh University, will deliver the sixth Joseph W. Richards Memorial address. His lecture will be entitled "Modern Marvels of Electrochemistry." It will be profusely illustrated and open to the public.

The principal social function will be the medal dinner on Tuesday evening, September 12, at which the Edward Goodrich Acheson Gold Medal and the \$1,000 prize will be presented to Dr. Francis C. Frary, director of the Research Laboratory of the Aluminum Company. Past President William G. Harvey is the chairman of the committee of arrangements for this dinner.

Monday evening, September 11, has been reserved for an informal supper get-together and meeting at one of the popular restaurants on the Fair Grounds. The supper and entertainment will be sponsored by the local chemical companies.

In view of the large number of visitors in New York this September, members are urged to make their hotel reservations as early as possible. The headquarters of the convention will be the Hotel Commodore, 42d Street and Lexington Avenue, New York City.

THE BOSTON MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE ninety-eighth meeting of the American Chemical Society will be held in Boston from September 11 to 15. Eighteen divisions will hold meetings, and papers and addresses reporting progress in every major sphere of chemical science will be presented at the sessions. Five thousand chemists, industrialists and representatives of allied fields are expected to participate.

Dr. James Bryant Conant, president of Harvard University and holder of the William H. Nichols Medal for achievement in chemical research of the New York section of the society, has been appointed honorary chairman of a convention committee of nearly a hundred members. Dr. Gustavus J. Esselen, president of Gustavus J. Esselen, Inc., and a director of the society, has been named general chairman.

Executives of leading industrial corporations and educational institutions will deliver addresses at a special celebration on Wednesday, September 13, of the centenary of the discovery of the vulcanization of rubber by Charles Goodyear, when numerous papers describing the progress of rubber research and manufacture in the United States will be read at a general meeting in the afternoon and at a dinner meeting in the evening.

The evening speakers and their topics are: W. S. Knudsen, president of General Motors Corporation, "What the Rubber Industry Has Meant to the Automobile Industry"; P. W. Litchfield, president of Goodyear Tire and Rubber Company, "The Rubber Industry"; Dr. Karl T. Compton, president of Massachusetts Institute of Technology, "Vulcanization from the Physicist's Standpoint"; Dr. Conant, "Vulcanization from the Chemist's Standpoint." Dr. Charles A. Kraus, of Brown University, president of the American Chemical Society, will preside and make a speech of welcome.

Speakers in the afternoon will be E. B. Babcock, chief chemist of the Firestone Tire and Rubber Company, "What is Vulcanization?"; A. B. Newhall, executive vice-president of the B. F. Goodrich Rubber Company, "Work of Thomas Hancock"; R. W. Lunn, managing director of the Leland and Birmingham Rubber Company, "Work of Charles Goodyear"; W. A. Gibbons, director of research of the United States Rubber Company, "The Rubber Industry Since 1839."

A Symposium on Vulcanization will be held on Thursday, September 14, under the auspices of the Division of Rubber Chemistry, the chairman of which is George K. Hinshaw, of the Goodyear Tire and Rubber Company.

Thirteen other divisional symposia are planned. The Chemical Education Division will discuss "The Training and Opportunities for Women in Chemistry." "Vitamins and Nutrition" will be discussed by the Divisions of Agricultural and Food, Medicinal and Biological Chemistry. Fields to be dealt with in other symposia include plant hormones, nitrogen-free extracts, methods in protein chemistry, sterols and related compounds, x-ray studies of substances of high molecular weight, the combustion of solid fuels, industrial wastes, unit processes, resins and plastics from hydrocarbons, low-temperature research and compounds with elements in unusual states of valence.

Dr. Kraus will deliver the annual presidential ad-

dress before a joint session of the Divisions of Organic and Physical and Inorganic Chemistry, on Thursday, September 14, at 2 P.M. Professor Frederick G. Keyes, of the Massachusetts Institute of Technology, will give an experimental lecture on "Properties of Matter at Very Low Temperatures" on Thursday afternoon during "open house" by the institute to members of the society.

Technical sessions will be held by the Divisions of Cellulose, Agricultural and Food, Colloid, Biological, Fertilizer, Gas and Fuel, Industrial and Engineering, Inorganic, Rubber, and Water Sewage, and Sanitation Chemistry, and of Microchemistry, Chemical Education, History of Chemistry and Sugar Chemistry and Technology.

Professor Ernest H. Huntress, of the Massachusetts

Institute of Technology, who is chairman of the Northeastern Section of the society, is vice-chairman of the general convention committee. Professor Arthur R. Davis, of the institute, is secretary, and Frederick S. Bacon, of Boston, is treasurer. Chairmen of subcommittees are announced as follows: R. R. Stevens, accommodations; Kenneth E. Bell, entertainment; Grinnell Jones, ladies' entertainment; A. A. Vernon, student chemists; W. F. Twombly, publicity; J. M. Bierer, finance; E. O. Holmes, equipment for technical sessions; A. A. Ashdown, publications; H. J. Skinner, group meetings; L. F. Hamilton, registration; W. L. Jennings, reception; Mrs. F. C. Sargent, women chemists; L. A. Pratt, C. V. Briggs and J. J. Healy, Jr., trips; H. O. Kulberg, signs; H. L. Sherman, parking arrangements.

SCIENTIFIC NOTES AND NEWS

DR. LAWRENCE J. HENDERSON, Lawrence professor of chemistry at Harvard University, has accepted an invitation by the Royal Society to deliver the next Pilgrim Trust Lecture in London.

A CERTIFICATE of honorary membership in the American Society of the History of Medicine was presented at the recent annual dinner of the society to Dr. Rudolph Matas, professor emeritus of general and clinical surgery at Tulane University, in recognition of his work in having "preserved and passed on to generations of students the best traditions of medical humanism."

A DINNER in honor of Dr. Victor J. Chambers, of the University of Rochester, who is retiring from teaching, but will continue as dean of the Graduate School, was given on June 15 by his students and friends, two hundred of whom were present. A fund of \$2,000, to be known as the Chambers Memorial Fund, was presented to the university to be used for loans to students of chemistry. Professor Chambers was presented with a suitably engraved gold watch.

COLLEAGUES of Dr. Isaac H. Manning, of the University of North Carolina, who is retiring with the title of Kenan professor emeritus of physiology, recently gave a dinner in his honor at which he was presented with a silver pitcher. A second testimonial dinner was given by alumni of the school. Dr. Manning has been for thirty-eight years a member of the faculty of the university, for twenty-eight years as dean of the School of Medicine.

At a meeting of the Mexican Society of Natural History held in Mexico City on June 16, Dr. Robert Hegner, professor of protozoology in the Johns Hopkins University, was made an honorary member, and Dr. Redginal Hewitt, instructor in protozoology in

the Johns Hopkins University, a corresponding member. On this occasion, Dr. Hegner delivered an address on "The Natural History of Parasitic Protozoa."

DR. ALEXANDER WETMORE, assistant secretary of the Smithsonian Institution, has been made an honorary member of the "Magyar Kiralyi Madartani Intezet."

At the recent commencement exercises at Franklin and Marshall College the degree of doctor of science was conferred on Dr. Mitchel Carroll, professor of biology and head of the department, and on Dr. H. Justin Roddy, professor of geology and executive curator of the museum.

THE doctorate of science has been conferred by the University of London on Professor Niels Bohr, of Copenhagen, and on Sir Robert Robinson, Waynflete professor of chemistry at the University of Oxford.

At a congregation of the University of Birmingham on July 1 the doctorate of science was conferred on Dr. Edward Battersby Bailey, director of the Geological Survey of Great Britain and of the Museum of Practical Geology, London; on Dr. Niels Bohr, professor of physics at the University of Copenhagen, and on Sir William Bragg, director of the Royal Institution and president of the Royal Society.

THE honorary degree of doctor of music recently conferred by the Chicago Musical College on Dr. Carl E. Seashore, of the State University of Iowa, was reported incorrectly in *SCIENCE* as having been conferred by the University of Chicago.

THE French League against Cancer has awarded the Amerongen prize of 160,000 francs to Professor A. H. Roffo, director of the Institute of Experimental Medicine for the Study and Treatment of Cancer at the University of Buenos Aires.