

The officers elected for the year 1921-22 are

Dr. H. J. Ettlinger—president.

Dr. T. S. Painter—secretary-treasurer.

H. J. ETTLINGER,  
Secretary

#### THE ROCHESTER MEETING OF THE OPTICAL SOCIETY OF AMERICA

THE Optical Society of America will meet in Rochester, N. Y., on Monday, Tuesday and Wednesday, October 24, 25, and 26, at the Hotel Rochester. In order to provide the maximum opportunity for social meetings of members and guests, arrangements will be made for society lunches and dinners.

The regular sessions for the reading of papers will be open to all interested persons.

Members and others desiring to communicate results in optical research are invited to submit titles of papers for the program to the secretary any time before September 25. No arbitrary time limit is set for the presentation of a paper, but each author is requested to estimate *carefully* the time which will be sufficient to present his paper briefly and intelligibly, and to submit this estimate with the title.

Each title must be accompanied by an abstract (100 to 200 words). Authors are urged to make every effort to present the essence of their papers as cogently as possible in these abstracts. It is expected that they will be printed in the program and in the minutes of the meeting. No titles will be printed to be presented "by title."

Persons having papers ready for publication which can not be presented at the meeting are invited to submit them to Paul D. Foote, editor, *Journal Optical Society of America*, Bureau of Standards, Washington, D. C.

Because of the optical industries in Rochester it is expected that this will be a particularly interesting meeting. The local committee is arranging for a visit to the Bausch and Lomb Optical Company and the Eastman Kodak Company.

The National Research Council Committee on Physiological Optics has asked the society to form a section on vision. It is hoped to do

this at the coming meeting; and, if a sufficient number of papers on this subject are submitted, one whole session will be devoted to vision and physiological optics.

For further information in regard to the society consult *SCIENCE* for April 1, 1921.

IRWIN G. PRIEST,  
Secretary

#### AMERICAN ENGINEERS IN EUROPE

WITH the presentation of the John Fritz Medal to Eugene Schneider, head of the famous Creusot Works, in Paris on July 8, by a mission of American engineers, came cable advices from London to the national headquarters of the American Society of Mechanical Engineers announcing that more foreign honors had been conferred upon Americans distinguished in the engineering profession.

Ambrose Swasey, of Cleveland, sponsor of the Engineering Foundation and past president of the American Society of Mechanical Engineers, has been elected to honorary membership in the British Institution of Mechanical Engineers, in the British Institution of Mining and Metallurgy and in the British Institution of Mining Engineers. Charles F. Rand, of New York, has been elected an honorary member of the Institution of Mining and Metallurgy, and of the Institution of Mining Engineers. Mr. Rand, who is chairman of the executive board of the Engineering Foundation, has also been made an honorary member of the British Iron and Steel Institute. Other elections announced by cable were those of Colonel Arthur S. Dwight, of New York, and William Kelly, of Vulcan, Mich., to honorary membership in the Institution of Mining Engineers.

The ceremonies in Paris, participated in by a special deputation of thirteen American engineers under the general chairmanship of Mr. Swasey, followed similar ceremonies in London on June 29, when the John Fritz Medal for distinction in applied science was presented to Sir Robert Hadfield, known for his work in the development of manganese steel. The Hadfield award was for 1921 and

the Schneider award for 1922. M. Schneider received the gold medal in person for his achievements during the war "in the industrial and scientific defense of civilization." The John Fritz Medal Board of Award, in conferring the honor, lauded M. Schneider's "achievements in the metallurgy of iron and steel, in the development of ordnance, especially the 75 mm. gun, and in notable patriotic contribution to the winning of the war."

#### SCIENTIFIC NOTES AND NEWS

FRANCIS BACON CROCKER, electrical engineer, until 1914 professor in Columbia University, died on July 9, at the age of sixty years.

GABRIEL LIPPMAN, professor of physics in the University of Paris, the recipient of a Nobel prize in 1908, died on the steamship *France* on his return with the French commission sent to Canada to express France's appreciation of Canada's services in the war.

THE council of the Society of Chemical Industry has nominated Professor R. F. Rutan, of Montreal, as president for the session 1921-22. The annual meeting of the society will be held in Montreal in August.

THE University of Oxford conferred on June 22 the honorary degree of doctor of science on Professor C. S. Sherrington, president of the Royal Society.

PROFESSOR HENRI BERGSON has retired from the chair of philosophy at the Collège de France.

DURING a colonial health conference, the British government gave a dinner on June 13, at the Carleton Hotel, London, in honor of Drs. George E. Vincent, Wickliffe Rose, and Vincent G. Heiser, representatives of the Rockefeller Foundation. Mr. Winston Churchill, secretary for the colonies, presided.

RICHARD T. FISHER, assistant professor of lumbering and forestry and director of the Harvard Forest, has been elected chairman of the New England Section of the Society of American Foresters. At the recent National Conference on Forest Education, he was ap-

pointed chairman of the committee on research in forest schools; that committee has been continued as a standing sub-committee of the Society of American Foresters.

THE American Society of Mechanical Engineers announces the appointment as managing editor of C. E. Davies, associate editor, to succeed the late L. G. French, who was both editor and manager of the society's publication. The June issue of *Mechanical Engineering* contains eulogies of the work of Mr. French, including resolutions of appreciation adopted by the council of the society and by the boiler committee.

DEAN W. R. APPLEBY, of the School of Mines, and Professor W. H. Emmons, director of the State Geological Survey and head of the department of geology and mineralogy at the University of Minnesota, left about the first of June for Northern China, where, in conjunction with other scientific men, they will make a general survey of the mineral resources of the region.

DR. DOUGLAS HOUGHTON CAMPBELL, of Stanford University, sailed for Australia on July 5. Dr. Campbell expects to spend six months in Australia, New Zealand and Tahiti, to extend his studies on the Pacific floras, especially in relation to the origin of the Hawaiian flora.

PROFESSOR KARL M. WIEGAND, of Cornell University, and Mrs. Wiegand, with a party of students, are making a botanical trip by automobile to the Pacific coast.

DONALD B. MACMILLAN sailed from Wiscasset, Me., on July 16 for Baffin Land on the 115-ton schooner *Bowdoin*. The program of the scientists of the expedition calls for field work in zoology, botany, geology, meteorology and terrestrial magnetism. Special observations will be taken of the magnetic pole, which was located first by James Ross in 1830 on the further side of the Boothia Peninsula, not far from Mr. MacMillan's proposed winter camp.

A COMPANY has been formed at Vancouver, B. C., with Mr. Vilhjalmur Stefansson as