

Europe will exceed one hundred, eighteen of whom will come from France, while it is expected that mathematicians in Canada and from the United States will be present in large numbers.

The Organizing Committee has tried to notify all those likely to be interested, resident in countries adherent to the Mathematical Union, or eligible for adherence thereto. In all, some six thousand notifications have been sent out, and a large number of universities and learned societies have been invited to be represented by delegates. Among those bodies which will be represented are the London Mathematical Society, Comité national français de Mathématiques, the American Mathematical Society, the University of Paris, the Polish Academie des Sciences, the British Admiralty, the American Association for the Advancement of Science, the National Physical Laboratory, the Bureau of Standards (Washington), the Royal Astronomical Society, the Institution of Naval Architects, the Institution of Electrical Engineers, the Actuarial Society of America, and many American universities and observatories.

The congress is being held under the auspices of the University of Toronto and the Royal Canadian Institute, and will be conducted in accordance with the regulations of the International Research Council. Professor J. C. Fields, F.R.S., president of the Royal Canadian Institute, is chairman of the Organizing Committee, and the other members of the committee are Sir Robert Falconer, K.C.M.G., president of the University of Toronto; Professor A. T. Delury, Professor J. C. McLennan, F.R.S., Professor C. A. Chant, Mr. T. H. Hogg, Dr. J. S. Plaskett, F.R.S., Professor M. A. Mackenzie, Professor E. F. Burton, Mr. J. Patterson, Mr. W. P. Dobson, Wing-Commander E. W. Stedman, F.R.Ae.S., and Professor J. L. Synge (Secretary). An Editorial Committee has been organized, with Professor Fields as chairman.

The congress will meet in the following sections:

Section I: Algebra, Theory of Numbers, Analysis.

Section II: Geometry.

Section III: (a) Mechanics, Mathematical Physics.  
(b) Astronomy, Geophysics.

Section IV: (a) Electrical, Mechanical, Civil and Mining Engineering.  
(b) Aeronautics, Naval Architecture, Ballistics, Radiotelegraphy.

Section V: Statistics, Actuarial Science, Economics.

Section VI: History, Philosophy, Didactics.

It will be observed that this scheme of sections differs from those adopted at former congresses in the additional attention devoted to the applications of mathematics. It has been devised in order to secure in the sphere of applied mathematics full opportunity for consideration not only of those questions whose interest is purely scientific, but also of practical prob-

lems of engineering whose solutions contribute directly to the cause of material progress.

The Organizing Committee would be obliged if those who expect to attend the congress would notify the secretary to that effect, stating their order of preference in accommodation from a choice of hotel, boarding house or university residence. Abstracts of papers intended for presentation should be in the hands of the secretary well in advance of the meeting.

Further information may be obtained from Professor J. L. Synge, secretary of the Organizing Committee, International Mathematical Congress, Royal Canadian Institute, 198 College Street, Toronto, Canada.

#### CHEMISTRY AT THE TORONTO MEETING OF THE BRITISH ASSOCIATION

AMONG overseas chemists who will be present at the Toronto meeting are the following:

*President of Section B:* Sir Robert Robertson, chemist to His Majesty's Government.

*Vice-president:* Professor F. G. Donnan, professor of inorganic and physical chemistry, University College, London.

*Recorder:* C. H. Desch, professor of metallurgy in the University of Sheffield; vice-president of the Faraday Society and member of the Council of the Chemical Society.

Sir Henry Gauvain, medical superintendent to Lord Mayor Treloar's Cripples' Hospital and College. Will speak on "Light therapy" in the symposium on "Vitamins and the relation of light to their action."

E. C. Baly, professor of inorganic chemistry in the University of Liverpool; will take part in discussion on "Photochemistry" at Saskatoon during the western trip.

W. A. Bone, chief professor of chemical technology in the Imperial College of Science and Technology.

Alexander Findlay, professor of chemistry in the University of Aberdeen.

Harold Dixon, professor of chemistry in the University of Manchester.

J. C. Irvine, principal of the University of St. Andrews.

Sir Max Muspratt, British chemical manufacturer.

K. J. P. Orton, professor of chemistry in the University of Wales; member of council of the Institute of Chemistry and Chemical Society, and member of the General Committee of the British Association.

Sir William J. Pope, professor of chemistry in the University of Cambridge.

E. K. Rideal, Owen-Jones lecturer in physical chemistry in the University of Cambridge, 1919-20 visiting professor of physical chemistry at the University of Illinois.

N. V. Sidgwick, fellow of Lincoln College.

Arthur Smithells, professor of chemistry and pro-vice chancellor of University of Leeds; chief chemical adviser to G. H. Q. during the war.

H. B. Baker will speak on "Highly dried liquids."

F. D. Chattaway, lecturer and fellow, Queens College, Oxford; member of the court, University of Wales.

A. G. Green, director of research, British Dyestuff Corporation.

### TESTIMONIAL BANQUET TO DOCTOR GEORGE H. SIMMONS

IN recognition of the long and valuable service to scientific medicine of Dr. George H. Simmons, for twenty-five years editor of *The Journal* of the American Medical Association, the undersigned committee of physicians is arranging for the painting of his portrait and a testimonial presentation banquet to be held in the Congress Hotel, Chicago, Monday evening, June 9, at six-thirty o'clock. Special invitations have been issued to the officers of leading medical organizations, etc. It is desired to invite also all fellows of the American Medical Association, educators and scientists who may wish to join in this recognition of Dr. Simmons's service. In order to provide adequately for those expecting to attend, reservations should be made promptly. The cost will be \$10.00 per plate and checks should be sent to Dr. Ludvig Hektoen not later than June 5, at 37 S. Wood Street, Chicago.

#### COMMITTEE

George Blumer, New Haven.  
Hugh Smith Cumming, Washington, D. C.  
Harvey Cushing, Boston.  
John Blair Deaver, Philadelphia.  
George Dock, Pasadena.  
Charles Phillips Emerson, Indianapolis.  
Seale Harris, Birmingham.  
Ludvig Hektoen, Chicago.  
Charles Franklin Hoover, Cleveland.  
Merritt Weber Ireland, Washington, D. C.  
Donald Macrae, Jr., Council Bluffs.  
Rudolph Matas, New Orleans.  
Charles Horace Mayo, Rochester, Minn.  
Harvey Gilmer Mudd, St. Louis.  
Henry Sewall, Denver.  
George David Stewart, New York.  
Edward Rhodes Stitt, Washington, D. C.  
Holman Taylor, Ft. Worth.  
William Sidney Thayer, Baltimore.  
Victor Clarence Vaughan, Ann Arbor.  
John Alexander Witherspoon, Nashville.

### PRIZE OF THE AMERICAN ASSOCIATION

IT will be remembered by all readers of *SCIENCE* that a member of the American Association for the Advancement of Science provided \$1,000 for a prize for a notable contribution to science presented at the meeting in Cincinnati celebrating the seventy-fifth anniversary of the association. The same member, who wishes to withhold his name for the present, has undertaken to provide for a similar prize to be awarded

each year for a term of five years beginning with the Washington meeting next December. It is the preference of the donor that the prize be not given in two successive years in the same major division of science, but there is no restriction on the council of the association in regard to the manner in which it shall be awarded. The prize for last year was awarded at Cincinnati to Professor Roland B. Dixon, of the University of Chicago, for papers presented before the section of mathematics and the American Mathematical Society by a committee of which Professor Nevin E. Fenneman, professor of geology in the University of Cincinnati as chairman. Further announcements concerning the prize to be awarded for a paper presented at the Washington meeting will appear in *SCIENCE* and in the preliminary announcement of the Washington meeting.

### SCIENTIFIC NOTES AND NEWS

At a stated meeting of the Franklin Institute of Philadelphia, held on May 21, a Franklin medal and certificate of honorary membership were awarded to Sir Ernest Rutherford, Cavendish professor of physics in the University of Cambridge. A statement concerning the work of Sir Ernest was made by Dr. Joseph S. Ames, of the Johns Hopkins University, and the medal was received by H. G. Chilton, counsellor of the British Embassy. A second Franklin medal and certificate of honorary membership were awarded to Dr. Edward Weston, president of the Weston Electrical Instrument Company, the statement in regard to whose work was made by Dr. Frank J. Sprague, of New York City. Following the presentation of the medals a paper by Sir Ernest Rutherford entitled "Early days in radio-activity" was read by Professor Ames, and Dr. Weston read a paper entitled "Some electrical reminiscences."

THE Pulitzer prize of Columbia University for the best American biography teaching patriotic and unselfish services to the people, illustrated by an eminent example, excluding, as too obvious, the names of George Washington and Abraham Lincoln, \$1,000 was awarded to "From immigrant to inventor," by Professor Michael Pupin, of Columbia University, published by Charles Scribner's Sons, New York, 1923. The prize for the best example of a reporter's work during the year, the test being strict accuracy, terseness, the accomplishment of some public good commanding public attention and respect, \$1,000 has been awarded to Magner White for his story on the eclipse of the sun, published in the *San Diego Sun*, on September 10, 1923.

PROFESSOR GEORGE EDMUND DE SCHWEINITZ, of Philadelphia, was presented with a plaque in recog-