

NOTES

On recommendation of the Council, the Board of Trustees of the American Mathematical Society has concluded a reciprocity agreement with the Unione Matematica Italiana by which the members of each organization have certain privileges in the other. The arrangement, which closely parallels that made with the London Mathematical Society a few years ago, has been made through President S. Pincherle of the Unione. On the one hand, members of the Unione not resident in the United States or Canada may become members of the American Mathematical Society by payment of the initiation fee and half the annual dues. On the other hand, members of the American Mathematical Society not resident in Italy may become members of the Unione without initiation fees on payment of half the annual dues. The rate for such persons is twenty Italian lire yearly. Members of the Society who wish to take advantage of this arrangement by becoming members of the Unione should send their names to the Secretary, 501 West 116th Street, New York, N.Y., who will forward them to the Unione.

The preliminary official program of the International Mathematical Congress to be held in Zurich in 1932, which has just been issued, indicates that the sessions of the Congress will be on September 4–12, that all countries will be represented, and that titles of papers intended for presentation at the Congress should be sent to the Secretary of the International Mathematical Congress, École Polytechnique Fédérale, Zurich. The President of the Committee on Organization of the Congress is Professor R. Fueter. It is the present intention also to hold the sessions of the International Mathematical Union, which is a distinct organization, and of which Professor W. H. Young is the President, during the time of the Congress.

The second International Congress of the History of Science and Technology was held at London, June 29–July 4, 1931, under the presidency of Dr. Charles Singer, of London. The vice-presidents were Professor Gino Loria, of Genoa, and Dr. George Sarton, of Harvard.

The Italian Society of Sciences has awarded its prize in mathematics for the year 1930 to Dr. B. Segre, docent in the University of Rome, for his researches in algebraic and infinitesimal geometry.

The Prussian Academy of Sciences has awarded a silver Leibnitz medal to Dr. Karl Scheel, professor of thermodynamics at the University of Berlin.

The Planck medal of the German Physical Society has been awarded to Professor Arnold Sommerfeld, of the University of Munich.

The Accademia dei Lincei has awarded the royal prize for astronomy jointly to Professors G. Tobetti, of the University of Florence, and V. Nobile, of the University of Naples.

The Reale Istituto Lombardo di Scienze e Lettere, Milan, has established two prizes in honor of the late Professors Carlo and Alberto Pascal, to be awarded every three years alternately for work in literature and pure mathematics. The first award, for which competition closes December 31, 1934, will be for mathematics. The prizes are restricted to Italian citizens within six years from receiving the doctorate from an Italian university.

Cambridge University has awarded its Adams prize to A. S. Besicovitch, fellow of Trinity College, for a contribution to the theory of almost periodic functions.

Professor Linus Pauling, of the California Institute of Technology, has been awarded the Langmuir prize of the American Chemical Society.

Professor Kasimir Fajans, of the department of physical chemistry at the University of Munich, has been elected an honorary member of the Royal Institution of Great Britain.

Professor Henri Lebesgue has been elected an associate of the Académie Royale de Belgique.

The following Professors have been elected corresponding members of the Reale Istituto Lombardo, U. Broggi, of Milan; A. Comessatti, of Padua; G. Fano, of Turin; A. Signorini, of Naples; and G. Vitali, of Bologna.

Professors M. Picone and A. Signorini, of the University of Naples, have been elected resident members of the Società Reale of that city.

The Pontifical Academy of Sciences has elected corresponding members Professors P. Debye of the University of Leipzig, A. Denizot of the University of Poznan, P. Straneo of the University of Genoa.

Professor B. Caldonazzo, of the University of Catania, has been transferred to the University of Florence, for the same chair of rational mechanics.

Professors L. Fantappiè, of Palermo, and A. Tonolo, of Padua, have been promoted to professorships of the calculus.

Professor Leon Lichtenstein, of the University of Leipzig, has been elected foreign member of the Scientific Society of Lwow (Lemberg).

Dr. Jakob Ackeret has been promoted to an associate professorship of aerodynamics at the Zurich Technical School.

C. Gallissot, maître de conférences in mathematics at the University of Lille, has been promoted to a professorship.

Akitsugu Kawaguchi has been promoted to a professorship of mathematics at the Hokkaido Imperial University.

Dr. H. L. Brose has been appointed to the chair of physics at the University of Nottingham, as successor to Professor P. E. Shaw, retired.

At Cambridge University, Dr. S. Goldstein, of St. John's College, has been appointed University lecturer in mathematics.

Professor G. H. Hardy, Savilian professor of geometry at the University of Oxford, has been elected to the Sadlerian professorship of pure mathematics at Cambridge University, as successor to Professor E. W. Hobson, retired.

Sir Horace Lamb, of Trinity College, Cambridge, has been appointed to the Rayleigh lectureship in mathematics.

At Cambridge University, Mr. J. M. Whittaker, of Pembroke College, has been appointed University lecturer in mathematics.

Mr. E. C. Titchmarsh has been elected to the Savilian professorship of geometry at the University of Oxford, as successor to Professor G. H. Hardy.

Princeton University announces that it has now made provision for work towards advanced degrees in mathematical physics. During the fall term of 1931-32, graduate courses in this field will be offered by Professors E. P. Adams, J. von Neumann, E. P. Wigner, E. U. Condon, and H. P. Robertson. Dr. P. A. M. Dirac, of Cambridge, will lecture on the relativistic formulation of quantum mechanics during the first part of this term.

Dr. Clifford Bell has been promoted to an assistant professorship of mathematics at the University of California at Los Angeles.

Professor B. A. Bernstein, of the University of California, has been granted leave of absence from July to December to complete papers on the foundation of mathematics and a book on the algebra of logic.

Associate Professor Thomas Buck, of the University of California, Berkeley, has been promoted to a professorship of mathematics.

Dr. C. M. Cleveland has been appointed adjunct professor of applied mathematics at the University of Texas.

Dr. D. A. Flanders, of New York University, has been promoted to an assistant professorship.

Assistant Professor Raymond Garver, of the University of California at Los Angeles, has been promoted to an associate professorship of mathematics.

Professor Temple R. Hollcroft, of Wells College, will spend his sabbatical year, 1931-32, in travel and study abroad. Mrs. Hollcroft and Temple Rice, Jr. will accompany him.

Dr. N. H. McCoy has been appointed to an assistant professorship at Smith College.

Dr. Gordon Pall has been appointed lecturer in mathematics at McGill University.

Dr. John H. Roberts, of the University of Texas, has been appointed to an assistant professorship of mathematics at Duke University.

Associate Professor C. N. Reynolds, of the University of West Virginia, has been promoted to a professorship of mathematics.

Dr. Saul Pollock, of the University of California, has been appointed to an assistant professorship of mathematics at the Indiana State Teachers College at Terre Haute.

Associate Professor Bird M. Turner, of the University of West Virginia, has been promoted to a professorship of mathematics.

Dr. E. Kathryn Wyant has been appointed professor of mathematics at the Northeastern State Teachers College, Tahlequah, Oklahoma.

The following appointments to instructorships in mathematics are announced:

Johns Hopkins University, Mr. G. R. Trott;

University of Kansas, Miss Eula Johnson, Miss Winora Venard;

Lehigh University, Mr. S. S. Cairns;

Princeton University, Mr. Jack Levine;

Temple University, Mr. J. A. Clark.

Professor Cesare Burali-Forti, of the Reale Accademia di Artiglieria e Genio, died January 21, 1931, at the age of sixty-nine.

Eugène Cosserat, formerly professor of mathematics at the University of Toulouse, and director of the observatory there, died in May, 1931, at the age of sixty-five.

Dr. Peter Pinkerton, rector of the High School of Glasgow, and for several years editor of the *Mathematical Notes* of the Edinburgh Mathematical Society, died November 22, 1930, at the age of sixty.

Professor Gustavo Sannia, of the University of Naples, died December 21, 1930, at the age of fifty-five.

Professor Emil Warburg, formerly president of the Federal Physical-Technical Institute, Berlin, died August 1, 1931, at the age of eighty-five.

Professor G. H. Cresse, of the University of Arizona, died May 3, 1931. Professor Cresse had been a member of the American Mathematical Society since 1912.