

## NOTES

The International Federation for Documentation will hold its fourteenth conference on documentation, September 21–26, 1938, at Lady Margaret Hall, Oxford.

The Fourth Annual Research Conference on Economics and Statistics under the auspices of the Cowles Commission for Research in Economics will be held at Colorado College, July 5–29, 1938. Among the speakers will be R. G. D. Allen, Alfred Cowles, S. von Ciriacy-Wantrup, H. T. Davis, E. L. Dodd, Mordecai Ezekiel, Arne Fisher, M. M. Flood, F. L. Griffin, H. P. Hartkemaier, H. E. Jones, Margaret Joseph, D. H. Leavens, A. P. Lerner, Joseph Mayer, Francis McIntire, Horst Mendershausen, J. Neyman, V. D. Reed, C. F. Roos, Henry Schultz, Horace Secrist, Gerhard Tintner, A. Wald, R. J. Watkins, E. J. Working, T. O. Yntema. A final program, giving exact dates of lectures and other information, will be available on request about June 1. Moderately priced living accommodations will be provided by Colorado College. All who plan to attend the conference should notify the Cowles Commission as soon as possible, giving expected dates of arrival and departure.

Models of second order surfaces and a few models of more advanced type made by the late Professor R. P. Baker will be available for purchase. Descriptions of the models may be had upon application to Dr. Frances E. Baker, Mount Holyoke College, South Hadley, Mass.

The Kelvin Medal Award Committee has awarded the Kelvin Medal for 1938 to Sir J. J. Thomson, Master of Trinity College, Cambridge, in recognition of the eminent service he has rendered to engineering science. The presentation was made by Lord Rayleigh at the Institution of Civil Engineers, on May 3.

Assistant Professor Wilhelm Maier, of the University of Greifswald, has been promoted to a professorship.

Mr. H. W. Norton, of the Iowa State College, has been appointed assistant lecturer at the University of London. He is to study at the Galton Laboratory.

Professor Carl Siegel, of the University of Frankfurt, has been appointed to a professorship at the University of Göttingen.

Dr. Egon Ulbricht has been appointed to an assistant professorship at the University of Giessen.

Professor Theodor Vahlen, of the University of Berlin, has retired.

The following seventy-two doctorates, with mathematics or mathematical physics as a major subject, were conferred during 1937 in universities in the United States and Canada; the major subject is mathematics unless otherwise specified. The university, month in which the degree was conferred, minor subject (other than mathematics), and the title of the dissertation are given in each case if available.

O. B. Ader, Kentucky, August, *Concerning an affine invariant of convex regions.*

C. B. Allendoerfer, Princeton, January, *The embedding of Riemann spaces in the large.*

G. F. Alrich, Maryland, June, *Hyperconformal transformations.*

M. L. Bishop, New York, June, minor in physics, *On the algebra of finite square matrices with real quaternionic elements.*

Archie Blake, Chicago, August, *Canonical expressions in Boolean algebra.*

R. P. Boas, Jr., Harvard, June, *The iterated Stieltjes transform.*

J. W. Calkin, Harvard, June, *Applications of the theory of Hilbert space to partial differential equations.*

Harold Chatland, Chicago, August, *The asymptotic Waring problem for homogeneous polynomial summands.*

H. R. Cooley, New York, February, minor in physics, *Some systems of quasi-linear partial differential equations with identical principal parts.*

C. H. Denbow, Chicago, June, *A generalized form of the problem of Bolza.*

C. H. Dieckmann, California (Berkeley), May, *A study of the surfaces generated by a point that moves in certain relationships to two fixed lines of space.*

F. W. Dresch, California (Berkeley), August, *Applications of index numbers to the study of general economic equilibria.*

Melvin Dresher, Yale, June, *Multi-groups. A generalization of the notion of group.*

W. A. Dwyer, Nebraska, June, minor in physics, *On certain fundamental identities due to Uspensky.*

F. G. Fisher, California (Berkeley), May, *The representation of quadric surfaces upon a space of nine dimensions.*

A. S. Galbraith, Harvard, June, *Differential equations of the second order with irregular singular points of special type.*

F. C. Gentry, Illinois, June, minor in physics, *Groups of Cremona transformations in space of ternary type.*

M. J. Gottlieb, Washington (St. Louis), June, minor in physics, *An investigation of polynomials orthogonal on a finite or enumerable set of points.*

A. M. C. Grant, Bryn Mawr, June, *Asymptotic transitivity on surfaces of variable negative curvature.*

Louis Green, Chicago, August, *Systems of quadrics associated with a point of a surface.*

O. H. Hamilton, Texas, June, minor in economics, *Non-unique solutions of first order ordinary differential equations.*

Father B. A. Hausmann, Yale, June, *Quasi-groups.*

A. E. Heins, Massachusetts Institute of Technology, February, *The multidimensional operational calculus.*

A. S. Householder, Chicago, June, *The dependence of a focal point upon curvature in the calculus of variations.*

D. H. Hyers, California Institute of Technology, June, minor in physics, *Integrals and functional equations in linear topological spaces.*

J. E. Ikenberry, Cornell, June, *An involutorial transformation with a multiple correspondence on lines joining conjugate points.*

S. B. Jackson, Harvard, June, *Differential properties in the large of spherical curves*

E. C. Kennedy, Rice Institute, June, *Fuchsian groups of genus 2.*

R. B. Kershner, Johns Hopkins, June, *The addition of convex curves and the Riemann zeta function.*

D. W. Kerst, Wisconsin, June, major in physics, minor in mathematics, *The development of electrostatic generators in air pressure and applications to excitation functions of nuclear reactions.*

L. D. P. King, Wisconsin, June, major in physics, minor in mathematics, *Range and disintegration experiments with protons bombarding lithium, and design of high voltage equipment.*

L. A. Knowler, Iowa, May, minor in applied mathematics and physics, *Actuarial aspects of recent old age security legislation.*

D. B. Kohlmetz, Ohio State, December, *Certain problems of a special character in convex functions.*

O. E. Lancaster, Harvard, June, *Non-linear algebraic difference equations.*

C. A. Lester, Wisconsin, June, *A determination of the automorphisms of certain algebraic fields.*

L. L. Lowenstein, Cornell, September, *Linear equations with an infinity of unknowns.*

H. A. Luther, Iowa, July, minor in physics, *An irregular third-order boundary value problem.*

Dorothy Manning, Stanford, June, minor in chemistry, *On simply transitive groups with transitive abelian subgroups of the same degree.*

A. N. Milgram, Pennsylvania, June, *Decomposition and dimension of closed sets in  $R^n$ .*

W. C. Mitchell, Cincinnati, June, *On Euler summability and one of its generalizations.*

Virginia Modesitt, Illinois, June, minor in astronomy, *Some singular properties of conformal transformations between Riemannian spaces.*

A. P. Morse, Brown, June, *Convergence in variation and related topics.*

N. A. Moscovitch, Chicago, March, *Studies of the inverse problem of the calculus of variations.*

Z. I. Mosesson, Harvard, June, *Maximal sequences of polynomials.*

D. C. Murdoch, Toronto, June, *Fundamental exponents in the theory of algebraic numbers.*

- C. J. Nesbitt, Toronto, June, *On the regular representations of algebras.*
- A. C. Olshen, Iowa, May, minor in applied mathematics and commerce, *Transformations of the Pearson type III distribution.*
- Morris Ostrofsky, Wisconsin, June, major in physics, minor in mathematics, I. *Effects of exchange of forces on the excitation function of  $Li^7$  under proton bombardment.* II. *The excitation function of  $Li^7$  under proton bombardment.*
- K. L. Palmquist, Kentucky, August, *On ideals in a quaternion algebra and hermitian forms.*
- E. W. Paxson, California Institute of Technology, June, minor in theoretical physics, *Analysis in linear topological spaces.*
- S. E. Pence, Illinois, June, minor in astronomy, *The configuration of the double points of cubics of a pencil.*
- P. M. Pepper, Cincinnati, June, *An application of geometry of numbers to a generalization of a continued fraction.*
- B. J. Pettis, Virginia, June, *On integration in vector spaces.*
- M. H. L. Pryce, Princeton, June, major in mathematical physics, *On the theory of light quanta.*
- W. T. Puckett, Jr., Virginia, June, *Some properties of cyclic elements of higher order.*
- Harriet Rees, Chicago, August, *Ideals in cubic and certain quartic fields.*
- Erwin Ritter, New York, June, minor in physics, *The problem of Plateau for a Schwarz chain.*
- J. H. Schotland, New York, June, *An analysis of methods of plane curve fitting.*
- Hyman Serbin, Pittsburgh, February, *Non-commutative polynomials.*
- M. F. Smiley, Chicago, August, *Discontinuous solutions for the problem of Bolza in parametric form.*
- J. R. Stehn, Wisconsin, June, major in physics, minor in mathematics, I. *Theory of the electronic energy levels of simple hydrides.* II. *Theory of fine structure in the  $Li^7$  nucleus.*
- E. C. Stopher, Iowa, February, minor in applied mathematics, *Interrelations of a family of operators on point sets and their canonical representation.*
- R. M. Thrall, Illinois, June, minor in physics, *Metabelian groups and trilinear forms.*
- Annita Tuller, Bryn Mawr, June, *The measure of transitive geodesics on certain three-dimensional manifolds.*
- F. A. Valentine, Chicago, March, *The problem of Lagrange with differential inequalities as added side conditions.*
- R. H. Valentine, Massachusetts Institute of Technology, June, minor in physics, *Travel-time curves in oblique structures.*

R. W. Wagner, Michigan, June, *Multiple-valued functions in matrix space*.

Henry Wallman, Princeton, June, *Lattices and topological spaces*.

F. P. Welch, Illinois, June, minor in physics, *Singular non-linear first order differential equations containing a parameter*.

E. T. Welmers, Michigan, February, *Set functions and measurability conditions*.

L. S. Winton, Duke, June, minor in applied mathematics, *Compatible integro-differential systems*.

Shaun Wylie, Princeton, June, *Duality and intersection in general complexes*.

The following doctorates were conferred in 1936, but were not included in the list in the preceding volume of this Bulletin (vol. 43, pp. 320–325):

P. O. Bell, California (Berkeley), May, *Certain covariant configurations associated with a general curved surface*.

W. C. Taylor, Wisconsin, October, *Asymptotic formulas for the Whittaker function*.

F. L. Yost, Wisconsin, October, major in physics, minor in mathematics, *Radiative capture of protons by carbon and Coulomb wave functions in repulsive fields*.

Dr. C. L. Alsberg, of Stanford University, has been appointed director of the Giannini Foundation of Agricultural Economics at the University of California.

Associate Professor C. A. Garabedian, of Wheaton College, has been promoted to a professorship.

Assistant Professor R. H. Knox, of the Virginia Military Institute, is on leave of absence. He is at the University of Michigan.

Assistant Professor R. R. McDaniel, of the Virginia State College, Ettrick, Va., has been promoted to an associate professorship.

The note concerning Dr. L. E. Mehlenbacher which appeared in the March issue of this Bulletin (vol. 44, no. 3, p. 184) is incorrect. His position is correctly reported in an earlier issue (vol. 43, no. 11, p. 762).

Professor Herman Weyl, of the Institute for Advanced Study, has been appointed to a Walker Ames Professorship of Mathematics at the University of Washington for the first term of the summer quarter, 1938. He will conduct a course on selected mathematical problems and will also deliver a series of evening lectures on the general subject *Symmetry and relativity*.

Dr. Melvin Dresher has been appointed to an instructorship at Michigan State College.

Dr. Gustav Jäger, professor emeritus of theoretical physics at the University of Vienna and a member of the Vienna Academy of Sciences, died on January 21, 1938, at the age of seventy-three years.

Professor Edmund Landau, formerly of the University of Göttingen, died on February 19, 1938, at the age of sixty-two years.

The death of Assistant Professor Theodor Radakovič, of the University of Graz, is reported.

Dr. R. B. Allen, Peabody Professor of Mathematics and Civil Engineering at Kenyon College, died on March 4, 1938. He had been a member of the Society for over thirty years.

Professor Emeritus H. W. Tyler, of the Massachusetts Institute of Technology, died February 3, 1938. He had been a member of the Society since 1894. A more adequate notice will appear in a later issue.