of Economic Affairs for Alberta), Mr. B.I.M. Strong (Superintendent of the Banff Park), and Dr.A. Stewart (President of the University). Prof. Robinson delivered his Presidential Address to the Congress. A very enjoyable concert, given by students trained at the Banff School, concluded the evening. The artists (voice, piano and violin) were introduced by Senator Cameron.

On Friday evening, September 6th, the Theoretical Physicists gave a party in the Solarium.

The concluding business meeting of the Congress was held on Saturday morning, and by the evening most members had departed for their various destinations.

NEWS FROM THE DEPARTMENTS

University of Alberta: Dr. I.N. Baker, a graduate of the University of Adelaide, has been appointed Assistant Professor. His thesis on entire functions has been accepted at the University of Tübingen (Germany) for the degree of Dr. rer. nat. Dr. G.C. Cree, a graduate of McGill and Washington University (St. Louis), has joined the staff as Assistant Professor. He was formerly at the University of Nebraska, in Lincoln. Dr. Shanti S. Gupta, a graduate in mathematical statistics of the University of North Carolina, and latterly employed with the Bell Telephone Laboratories at Allentown, Pa., has been appointed Associate Professor. Dr. H.F.J. Lowig of the University of Tasmania (Hobart) and formerly from Czechoslovakia, has been appointed Associate Professor; his special field is algebra. Mr. W. Zayachkowski and Mr. H.M.W. Edgar have been appointed part-time teaching assistants for this year. Mr. A. Cseuz received the degree of M. Sc. at the November convocation for a thesis on "An Optimal Property of the Poincaré Model of Hyperbolic Geometry", under the direction of Dr. H. Helfenstein.

Prof. J.G. Kemeny will be spending four days here in March as a Mathematical Association of America Visiting Lecturer. Prof. P. Erdös will be with us for the whole of April as a Visiting Professor. Dr. I. Guttman and Dr. H. Helfenstein are on leave of absence for 1957-58; Dr. Helfenstein is Visiting Assistant Professor at the University of Ottawa.

The University of Alberta has acquired its own electronic digital computer, an L.G.P. 30. The machine is installed in the Physics Department and is being

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used at present mainly on problems arising in mathe-
matical physics. With this, and the use (one evening
a week by direct teletype connection) of the Ferut
machine in Toronto, we should be able to carry out all
the numerical computations we need.

The first group of Canadian Mathematical Congress
Scholarships in Alberta were awarded this Fall on the
basis of a special examination. Three of the scholars
elected to go elsewhere (McGill and B.C.), but three
have entered the University of Alberta.

Assumption University of Windsor: H.A. Eliopoulos
has been promoted to an Assistant Professorship. Elias
Zakon, D. Jur (Berlin), M.Sc. (Vilna) has been appointed
to a Lectureship. Dr. Zakon has taught at the Haifa
Institute of Technology and for the past year has been
a research associate of Abraham Robinson. George Du-
walo, M.A. (Toronto), Ph.D. (Toronto) has been appointed
to a Lectureship. William Burleigh, B.Sc. and Frank
H. Sweet Jr., B.Sc. have been appointed to Teaching
Fellowships.

This year the second year of our Honours Course
in Mathematics was introduced, with an enrolment of
three students, and the courses required to supplement
the general course for a Type A Ontario Teachers Cert-
ificate were also introduced, again with an enrolment
of three students.

University of British Columbia:Dr. R.R. Christian
and Dr. H.F. Davis have been promoted to Assistant Pro-
fessor. Miss Charlotte Froese, M.A. (Brit. Col.) and
Miss R.R. Struik, Ph.D. (N.Y.U.) have been appointed
Lecturer. Dr. D.W. Bressler, Ph.D. (Cal.) and Dr. C.
A. Swanson, Ph.D. (Cal.Tech.) have been appointed
Instructor. Dr. Barron Brainerd has been appointed
Assistant Professor at the University of Western
Ontario.

Carleton University (Ottawa): Dr. F.H. Northover
has been appointed Associate Professor. He was form-
erly at Memorial University, Newfoundland, and at the
University of Liverpool. His main interests are ana-
lysis and applied mathematics. Mr. R.J. Semple recently
obtained his Ph.D. at Princeton. The title of his thesis
was "Cohomology with unit coefficients in local fields".

Laval University: The staff remains unchanged from
last year. Special courses of Mathematics for teachers
in public schools are being given (in cooperation with

the Quebec Provincial Board of Education) in Quebec City, Trois Rivières, Chicoutimi and Rimouski. These courses consist of 3 hours lectures each Saturday morning (75 hours during the year) and will be completed by another 75 hours during a 5-weeks summer course in Quebec. It is expected that a similar course in mechanics, followed by a summer course in physics, will be given in the year 1958-59.

McGill University: S. Kahana, Ph.D. (Edinburgh) has been appointed Assistant Professor; E.L. Lomon, Ph.D. (M.I.T.) has been appointed Associate Professor; Z.A. Melzak, Ph.D. (M.I.T.) has been appointed Lecturer; J. Murphy, B.Sc. (McGill) has been appointed Lecturer; H.W.E. Schwerdtfeger, Ph.D. (Bonn) has been appointed Associate Professor. P.L. Butzer, Ph.D. (Toronto), Assistant Professor, has resigned to become Visiting Professor at Johannes-Gutenberg University, Mainz, Germany. J.D. Jackson, Ph.D. (M.I.T.), Associate Professor, has resigned to become Associate Professor of Physics at Illinois University. Kailash Kumar, Ph.D. (McMaster), Lecturer, has resigned to become Assistant Professor at Purdue University. J.E. Lebel, M.A. (Toronto), has resigned.

R.T. Sharp, Ph.D. (McGill), Associate Professor, is on leave of absence. He is at London University on a Nuffield Fellowship.

T. Cunia received the degree of M. Sc. for a thesis "Basic Mathematical Models in Analysis of Variance". I.H. Shtern received the degree of M. Sc. for a thesis "Hausdorff and Hamburger One-dimensional Moment Problem". R.R. Haering received the degree of Ph.D. for a thesis "Electric and Magnetic Properties of Graphite". S. Melamed received the degree of Ph.D. for a thesis "Qualitative Behaviour of Non-linear Differential Equations in the Neighbourhood of an Isolated Singular Point". N. Oler received the degree of Ph.D. for a thesis "An Inequality in the Geometry of Numbers".

McMaster University (Hamilton): Bernhard Banaschewski and Norman D. Lane have been promoted to Associate Professor, effective July 1957. John Henry Holloway Chalk, B. Sc. (London, 1943), Ph.D. (London, 1948 and Cantab., 1951), was appointed Assistant Professor, effective July 1957. Dr. Chalk has held appointments as Assistant Lecturer and Lecturer at Bedford College, University of London (1951-57), has an excellent record of research in the Theory of Numbers and is a bachelor.

The Department is developing along lines established three years ago, with a division of specialization into three streams, Pure Mathematics, Mathematical Statistics

and Applied Mathematics and Theoretical Physics, after Year II. This year we have added a course in the Theory of Numbers in Division (i) and a course in Applied Statistics in Division (ii). The enrolment in Year II Honours Mathematics has increased to twenty students.

Professor A.L. Alexandrov, Rector of Leningrad University, U.S.S.R., visited us on September 13, and, after dinner and a lecture, stayed on for an informal discussion of mathematics in Russia in which all members of this Department had a part and which was very informative.

Memorial University of Newfoundland: Olivier Biberstein, Ph.D., formerly at the University of Ottawa, has been appointed Associate Professor. J.D. Lambert, from the University of St. Andrews, Scotland, has been appointed Assistant Professor.

University of Montreal: Geoffrey Fox and Jean Maranda have been promoted from Assistant to Associate Professor, effective June 1957. Maurice L'Abbé has been appointed Chairman of the Department of Mathematics, effective June 1957. Alexis Zinger has been appointed Assistant Professor, September 1957. Claire Picker has been appointed Lecturer, September 1957.

Robert Croteau has written an M.Sc. Thesis, "Sur la théorie des représentations des algèbres", in May 1957. Louis Lemieux has written an M.Sc. Thesis, "Sur les ensembles finis", in October 1957. Alexis Zinger has written a Ph.D. Thesis, "Du choix de la population ayant la plus grande moyenne dans le cas de trois populations normales de variances connus", in October 1957.

University of Ottawa: Dr. Helfenstein has been appointed Visiting Assistant Professor. Several members of the Department attended the annual meeting of ACFAS in Quebec City. Dr. Helfenstein presented a paper entitled:"Les groupes de transformations géodésiques des surfaces minimales".

Dr. A.C. Smith has begun a course on "Programming for Digital Computers" for staff members of other departments. A seminar on "Conformal mapping" will be held during the second term with staff and graduate students participating.

Graduate student Mr. A. Fekete is working on a problem in hydrodynamics and is supported by N.R.C. grant. Continuing the established practice, three graduate courses are given at night: Advanced numerical analysis, Operational calculus, Advanced differential equations. In co-operation with the Montreal Colloquium, Carleton University and the Theoretical Physics Division

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of the N.R.C., a program for invited speakers is under
way.

Queen's University: Professor I. Amemiya of Tokyo
College of Science, Japan, has commenced tenure of a
N.R.C. Post-doctoral Fellowship. He is working with
Professor Halperin on Continuous Geometry and Analysis.

University of Toronto: R.A. Ross, M.A., F.A. Sherk,
Ph.D., and V. Weston, Ph.D., have been appointed
Lecturers. J.H. Chung, Ph.D. and A.H. Wallace, Ph.D.
have been appointed Assistant Professors. R. B. Potts,
Ph.D., has been appointed Associate Professor. Pro-
fessor Paul Erdös, Technion, Math. Department, Haifa,
Israel, has been appointed Visiting Professor for the
Autumn term. G.F.D. Duff has been promoted to Associate
Professor. W.A.J. Luxemburg and R. Wormleighton have
been promoted to Assistant Professor.
     Professor A. Robinson has resigned and has been
appointed Professor of Mathematics at the Hebrew Uni-
versity of Jerusalem. Assistant Professor R.G. Stanton
has resigned and has been appointed Professor of Mathe-
matics and Head of the Department at Waterloo College.
     V. Weston received the degree of Ph.D. for a thesis
"The Solution of the Toroidal Wave Equation and Appli-
cations" in November 1956. W.O.J. Moser received the
degree of Ph.D. for a thesis "Abstract Groups in Geo-
metrical Configurations" in May 1957. F.A. Sherk re-
ceived the degree of Ph.D. for a thesis "The Theory
of Regular Maps" in November 1957. The following stu-
dents received the degree of M.A. in May 1957:
D.M. Brown in Statistics, J.H. Lindsay in Mathematics,
R.S. McCullough in Statistics, J.F. Scott-Thomas and
C.F. Templin in Applied Mathematics. At its convocation
in August 1957, the University of Alberta conferred the
degree of Doctor of Laws (honoris causa) on Professor
H.S.M. Coxeter.

University of Western Ontario: Dr. Barron Brainerd
has been appointed Assistant Professor of Mathematics.
Dr. William H. Wehlau has been appointed Assistant
Professor of Astronomy. Mr. Douglas Clarke, B.A., has
been appointed Instructor of Mathematics. Mr. W. H.
Adamson, M.A., has been appointed Lecturer (sessional
appointment). Dr. G.P. Henderson resigned to join the
staff of the Imperial Oil Company of Toronto. The
itinerary of Professor Erdös has been so arranged that
he will be at the University of Western Ontario from
January 15 to January 30, 1958. His visit is being
awaited with great anticipation.

Dr. R.G. Stanton (formerly of the Department of Mathematics, University of Toronto) has been appointed Head of the Department of Mathematics at Waterloo College, an affiliate of the University of Western Ontario.