Mathematics People

Nazarov Awarded 1999 Salem Prize

The Salem Prize for 1999 has been awarded to FEDOR NAZAROV of Michigan State University for his work in harmonic analysis, in particular the uncertainty principle, and his contributions to the development of Bellman function type methods. The prize is awarded every year by the Salem Prize Committee to a young mathematician judged to have done outstanding work in the field of interest of Raphaël Salem, primarily the theory of Fourier series. The selection committee for the 1999 prize consisted of J. Bourgain, C. Fefferman, P. Jones, N. Nikolski, T. Wolff, and J. C. Yoccoz.

—J. Bourgain, Institute for Advanced Study

Kohn Receives First Kleinman Prize

ROBERT V. KOHN of the Courant Institute of New York University has been awarded the first Ralph E. Kleinman Prize by the Society for Industrial and Applied Mathematics (SIAM).

The Kleinman Prize will be awarded every two years to an individual for outstanding research or other contributions that bridge the gap between mathematics and applications, particularly work that uses high-level mathematics and/or invents new mathematical tools to solve applied problems from engineering, science, and technology. The prize carries a cash award of $5,000 and a certificate. Nominations for the prize will be sought seven months prior to the awarding of the prize. The next prize will be awarded at the SIAM annual meeting in 2001.

—From a SIAM announcement

Prizes of the CRM, Montréal

Several prizes have been awarded to mathematicians by the Centre de Recherches Mathématiques (CRM), Montréal, Canada. They are listed below.

J. RICHARD BOND of the University of Toronto has been awarded the CAP-CRM Prize in Theoretical and Mathematical Physics jointly by the CRM and the Canadian Association of Physicists (CAP). The prize, instituted in 1995, is intended to recognize exceptional achievements in research in the fields of theoretical and mathematical physics. The prize is given for research done primarily in Canada or in affiliation with a Canadian university or industry. It carries a cash award of $2,000 and a commemorative medal. Awardees are invited to lecture at the annual congress of the CAP.

ROBERT V. MOODY of the University of Alberta has been awarded the CRM/Fields Institute Prize by The Fields Institute for Research in Mathematical Sciences (Toronto) and the CRM. The prize recognizes exceptional achievement in the mathematical sciences. Recipients are chosen on the basis of outstanding contributions to the advancement of research, with research having been done primarily in Canada or in affiliation with a Canadian university. A prize of $5,000 is awarded, and the recipients present lectures at the CRM and at The Fields Institute.

JOHN TOTH of McGill University has been awarded the 1998 André Aisenstadt Mathematics Prize. The prize, instituted in 1991, consists of an award of $3,000 and is intended to recognize talented young Canadian researchers in pure and applied mathematics who have held the Ph.D. for no more than seven years. Toth received his Ph.D. in 1993 from the Massachusetts Institute of Technology. His research interests center on quantization and the asymptotic behavior of quantum systems.

—From a CRM announcement

Royal Society of Canada Fellows

Three mathematicians have been elected as Fellows of the Royal Society of Canada in 1999. They are MICHEL FORTIN,

Université Laval; IAN FRASER PUTNAM, University of Victoria; and MACIEJ ZWORSKI, University of Toronto and University of California, Berkeley. They will be inducted in November.

The Royal Society of Canada encompasses a broad range of disciplines and is dedicated to promoting and developing learning and research in the arts and sciences.

—From a Royal Society of Canada press release

Royal Society of London Fellows

In May 1999 the Royal Society of London elected a number of new fellows. Among these were: GARY WILLIAMS GIBBONS, professor of theoretical physics, University of Cambridge; WILLIAM TIMOTHY GOWERS, Rouse Ball Professor of Mathematics, University of Cambridge; JOHN RICHARD OCKENDON, lecturer in applicable mathematics, University of Oxford; WILLIAM JAMES STIRLING, professor of mathematical sciences and physics, University of Durham; and JOHN FRANCIS TOLAND, professor of mathematical sciences, University of Bath. Elected as a Foreign Member was EDWARD WITTEN, professor of physics, Institute for Advanced Study in Princeton.

—From London Mathematical Society Newsletter

1999 Heineman Prize Awarded

BARRY M. MCCOY of the Institute of Theoretical Physics at the State University of New York, Stony Brook, TAI TSUN WU of Harvard University, and ALEXANDER B. ZAMOLODCHIKOV of Rutgers University have been awarded the 1999 Dannie Heineman Prize for Mathematical Physics. They received the award for work on classical statistical mechanics, integrable models, and conformal field theories. The prize carries a cash award of $7,500 and is presented in recognition of outstanding publications in the field of mathematical physics.

The prize was established in 1959 by the Heineman Foundation for Research, Educational, Charitable, and Scientific Purposes, Inc., and is administered jointly by the American Physical Society (APS) and the American Institute of Physics (AIP). The prize is presented annually.

—From an APS announcement

Sloan Dissertation Fellowships

The Alfred P. Sloan Foundation has announced the names of the 1999 recipients of Sloan Dissertation Fellowships. The Foundation annually awards fifty fellowships on a national competitive basis in the fields of mathematics and economics. In each field, leading doctoral departments are invited to nominate candidates. The Foundation does not accept applications from individual students. The awards provide full tuition and a stipend for the dissertation year.

Following are the names and affiliations of the recipients of Sloan Dissertation Fellowships in mathematics.

BOJKO N. BAKALOV, Massachusetts Institute of Technology; VLADIMIR BARANOVSKY, University of Chicago; MELANIE BERTELSON, Stanford University; DANNY CALEGARI, University of California, Berkeley; GAUTAM CHINTA, Columbia University; MARK DICKINSON, Harvard University; DANIEL GROSSMAN, Princeton University; OLGA HOLTZ, University of Wisconsin; VADIM KALOSHIN, Princeton University; ANDERS KARLSSON, Yale University; YOUNG-HOON KIEM, Yale University; ROWAN BRETT KILLIP, California Institute of Technology; KENNETH KOENIG, Princeton University; TAO LI, California Institute of Technology; EZRA MILLER, University of California, Berkeley; IRINA S. MITREA, University of Minnesota; CAMIL MUSCALU, Brown University; ALEXANDER PERLIN, Massachusetts Institute of Technology; RACHEL J. PRIES, University of Pennsylvania; MICHAEL ROITMAN, Yale University; ALEXANDER SCORICHENKO, Northwestern University; JASON M. STARR, Harvard University; DYLAN THURSTON, University of California, Berkeley; CATALIN ZARA, Massachusetts Institute of Technology; and ILIA H. ZHARKOV, University of Pennsylvania.

Editor's Note: This is the last year in which the Sloan Dissertation Fellowships will be given. For further details see the June/July 1999 issue of the *Notices*, p. 692.

—From a Sloan Foundation announcement

AMS-AAAS Media Fellow Chosen

This year the AMS is again participating in the Mass Media Science and Engineering Fellowship program of the American Association for the Advancement of Science (AAAS). This program places graduate students in internships in major media organizations for ten weeks during the summer. The purpose of the program is to improve public understanding and appreciation of science and technology and to sharpen the ability of the fellows to communicate complex technical issues to nonspecialists.

BRIAN ALLEN, a mathematics graduate student at Purdue University, was awarded a fellowship this year through the sponsorship of the AMS. He is spending his fellowship in the Washington, DC, office of *Time* magazine.

—Elaine Kehoe

Supplement to List of New Members of National Academy of Engineering

The September 1999 *Notices* listed three mathematicians among the eighty new members and eight foreign associates elected to the National Academy of Engineering. A fourth mathematician in the group is Lawrence D. Stone

of Metron Inc. in Reston, Virginia, who was elected for contributions to optimal search theory and practice.

—Sandra Frost

1999 Intel Science Talent Search Winners Announced

Two students working in mathematics have been awarded 1999 Intel Science Talent Search scholarships. Seventeen-year-old RIO GABRIEL BENNIN, a home-schooled senior from Berkeley, California, won a $20,000 scholarship for his project "N-Dimensional Equalizers and Pythagorean Quadrilaterals". LISA BETH SCHWARTZ, a seventeen-year-old student at Roslyn High School in Roslyn Heights, New York, also won a $20,000 scholarship for her project entitled 'Positive Integer Sequences Satisfying a Determinant Condition'.

The Intel competition was formerly known as the Westinghouse Science Talent Search until the Intel Corporation took over sponsorship in 1998. It is America's oldest and most respected high school science scholarship competition. Five previous winners have gone on to receive Nobel Prizes. Fields Medalists Paul J. Cohen and David B. Mumford were also Westinghouse awardees. Awards ranging from $3,000 to $50,000 were given to forty finalists in the competition.

—Intel Corporation

Book Receives Award

Privacy on the Line: The Politics of Wiretapping and Encryption, by Whitfield Diffie and Susan Landau, has received the 1999 Communication Policy Research Award. The award is sponsored by the Donald McGannon Communication Research Center at Fordham University. The book was reviewed in the June/July 1998 issue of the *Notices*. Susan Landau is a member of the *Notices* Editorial Board.

—Allyn Jackson

Visiting Mathematicians

(Supplementary List)

Mathematicians visiting other institutions internationally during the 1999–2000 academic year were listed in the August 1999 issue of the *Notices*, pp. 807–809. The following is an update (home country is listed in parentheses).

VLADIMIR BOLOTNIKOV (Israel), College of William and Mary, Matrix and Operator Theory, 8/98–5/00.

CARLOS CABRELLI (Argentina), Georgia Institute of Technology, Iterated Function Systems and Wavelets, 1/00–5/00.

DAN COMAN (Romania), University of Notre Dame, Complex Analysis, 8/99–5/00.

MIRKO DEGLI ESPOSTI (Italy), Georgia Institute of Technology, Quantum Chaos, Coupled Map Lattices, 1/00–5/00.

SUSANA FURTATO (Portugal), College of William and Mary, Matrix and Operator Theory, 9/99–10/99.

HOUGJUN GAO (China), Georgia Institute of Technology, Infinite Dimensional Dynamical Systems, 1/00–5/00.

MICHAEL GEKHTMAN (Israel), University of Notre Dame, Applied Mathematics, 8/99–5/00.

SERGEI GRUDSKY (Russia), College of William and Mary, Matrix and Operator Theory, 12/99–1/00.

DIMITRI KARAYANNAKIS (Greece), Georgia Institute of Technology, Harmonic Analysis, Wavelets, 1/00–5/00.

VLADIMIR LEBEDEV (Russia), Georgia Institute of Technology, Harmonic Analysis, 8/99–5/00.

CHRISTIAN MEHL (Germany), College of William and Mary, Matrix and Operator Theory, 9/99–3/00.

ARIK MELIKYAN (Russia), Georgia Institute of Technology, Partial Differential Equations, Optimal Control, 8/99–12/99.

URSULA MOLTER (Argentina), Georgia Institute of Technology, Wavelets, 1/00–5/00.

VIOREL NITICA (Romania), University of Notre Dame, Differential Geometry, 8/99–5/00.

VYGANTAS PAULAUSKAS (Lithuania), Georgia Institute of Technology, Probability and Statistics, 8/99–12/99.

CARLOS SAIAGO (Portugal), College of William and Mary, Matrix and Operator Theory, 9/99–4/00.

ZHAO RUHAN (China), University of Montana, Analysis, 8/99–5/00.

ZIV SHAMI (Israel), University of Notre Dame, Model Theory, 5/99–5/00.

JIAN-YI SHI (China), University of Notre Dame, Lie Theory, 8/99–5/00.

CEDRIC VILLANI (France), Georgia Institute of Technology, Nonlinear Partial Differential Equations, 8/99–12/99.

QIHUA WANG (People's Republic of China), Carleton University, Survival Analysis, Missing Data, 6/99–5/00.

TZU-YUEH WANG (Taiwan), University of Notre Dame, Complex Analysis, 7/99–6/00.

CHERNG-YIH YU (Taiwan), University of Notre Dame, Complex Analysis, 7/99–6/00.

Deaths

ALEXANDER ABIAN, of Iowa State University, Ames, died on July 25, 1999. Born on January 1, 1923, he was a member of the Society for 44 years.

EDWIN HEWITT, professor emeritus at the University of Washington, Seattle, died on June 21, 1999. Born on January 20, 1920, he was a member of the Society for 57 years.

HUGH J. MISER, professor emeritus at the University of Massachusetts, Amherst, died on June 22, 1999. Born in May 1917, he was a member of the Society for 58 years.

PETER K. SARAPUKA, of Urbana, IL, died on December 28, 1998. Born on May 15, 1917, he was a member of the Society for 35 years.