
Mathematics People

Grötschel Receives Leibniz Prize



MARTIN GRÖTSCHEL has received the 1995 Gottfried Wilhelm Leibniz Prize of the Deutsche Forschungsgemeinschaft (German Science Foundation). Thirteen such prizes were awarded to German researchers who have made outstanding contributions to their fields, which range over mathematics, the sciences, medicine, and engineering. The

prize consists of a five-year grant of DM 1.5 million (approximately \$1 million) for theoretical researchers and DM 3.0 million for researchers in experimental areas.

Grötschel has done important work in a variety of areas, including ground-breaking research in convexity theory, combinatorics, and the traveling salesman problem. At the same time, he has made significant progress toward applying this theoretical work to the development and efficient use of algorithms for the solution of practical problems in such areas as telecommunications, traffic flow, VLSI design, robotics, and production planning. He has served

as a consultant to numerous high technology firms in Germany and other countries.

Grötschel was born in 1948 in Germany. He received his bachelor's (1971) and master's (1973) degrees in mathematics from the University of Bochum. In 1977, he received his Ph.D. in economics and in 1981 his *habilitation* in operations research from the University of Bonn. He was a scientific assistant in Bonn from 1973 until 1982, when he was appointed full professor of applied mathematics at the University of Augsburg. Since 1991 he has been full professor of information technology at the Technical University of Berlin, as well as vice president of the Konrad Zuse Center for Information Technology in Berlin.

Grötschel has received several major prizes for his work, including the Fulkerson Prize of the AMS and the Mathematical Programming Society (1982), the IBM Prize of the Institute of Management Science (1984), the Karl Heinz Beckurts Prize (1990), and the George B. Dantzig Prize of the Society for Industrial and Applied Mathematics and the Mathematical Programming Society (1991). He has been a member of the Council of the Deutsche Mathematiker-Vereinigung (DMV, German Mathematical Society) since 1988 and is a past president of the DMV.

— Allyn Jackson

NSF Staffers Receive Awards

Two mathematicians who are long-time staff members of the National Science Foundation (NSF) were recently given federal service awards.

JUDITH S. SUNLEY, former director of the Division of Mathematical Sciences (DMS) and now working in the NSF Director's office, received the Presidential Award for a Distinguished Executive. Presented to only 1 percent of career executives across the federal government, the award honors those who have demonstrated sustained, extraordinary accomplishment during their executive careers. The awardees are chosen by a White House committee and receive a large monetary award. Sunley was cited for her "distinguished contributions to the management of the Directorate for Mathematical and Physical Sciences and the National Science Foundation, including her innovative leadership and her successful strategic planning efforts."

Sunley received her doctorate in mathematics in 1971 from the University of Maryland. She joined the NSF staff in 1980 as a program director in the DMS. After a number of years as DMS deputy director, she served as DMS director from 1987 until 1992, when she became the executive officer of the Mathematical and Physical Sciences Directorate. In 1994, she was appointed assistant to the director for Science Policy and Planning. In this capacity she assists in the coordination of programmatic and budget planning on behalf of the NSF director and deputy director.

DMS Deputy Director BERNARD R. McDONALD received the Director's Meritorious Service Award "in recognition of his contributions to the advancement of the mathematical sciences and the formation of policy for science." This is the second highest honorary award conferred by the NSF upon employees who render meritorious service within or beyond their required duties. McDonald also served in the DMS as a program director and as head of the DMS Office of Special Projects. Prior to his career at the NSF, he was professor and chair of the mathematics department at the University of Oklahoma. He received his doctorate from Michigan State University in 1968.

— *Allyn Jackson*

LIOR TZAFRIRI (Israel), University of Missouri, Analysis, 1/96 - 5/96.

SUZANNE WEEKES (Trinidad and Tobago), Texas A&M University, 8/95 - 5/98.

LEON VAN WYK (South Africa), Texas A&M University, 9/95 - 5/96.

Deaths

GEORGE W. BOOTH, of Brooklyn College (CUNY), died on July 11, 1995. Born on March 11, 1929, he was a member of the Society for 27 years.

VICTOR A.K.A.M. GUGENHEIM, professor emeritus of the University of Illinois at Chicago, died on August 3, 1995. Born on August 28, 1923, he was a member of the Society for 42 years.

MEYER JERISON, of Purdue University, died on March 13, 1995. Born on November 28, 1922, he was a member of the Society for 47 years.

HENRY F.J. LOWIG, of the University of Alberta, Edmonton, Alberta, Canada, died on July 1, 1995. Born on October 29, 1904, he was a member of the Society for 46 years.

MARIAN A. MOORE, of Lawrenceville, IL, died on May 2, 1995. Born on May 18, 1907, she was a member of the Society for 45 years.

GEORGE E. MORGAN, of Bethesda, MD, died on October 26, 1994. Born on July 17, 1926, he was a member of the Society for 33 years.

BENJAMIN J. TEPPING, of Silver Spring, MD, died on August 26, 1994. Born in January 1913, he was member of the Society for 55 years.

R. M. WALTER, professor emeritus of Rutgers University, Douglass College, died on February 12, 1995. Born in 1902, he was member of the Society for 65 years.

YEONG S. YANG, of the University of South Carolina, died on August 19, 1995. Born on July 11, 1934, he was a member of the Society for 31 years.

Visiting Mathematicians

(Supplementary List)

Mathematicians visiting other institutions during the 1995-1996 academic year have been listed in recent issues of the Notices: July 1995, pp. 789-791; and August 1995, p. 1065. The following is an update to those lists (home countries are listed in parentheses).

BENJAMIN MANN (U.S.A.), University of Edinburgh, Scotland, Homotopy Theory, 6/95 - 7/96.

RANIER GOTTFERT (Austria), University of Nevada, Las Vegas, Finite Fields, 8/95 - 5/96.

JACOB P. MURRE (The Netherlands), University of Oklahoma, Algebraic Geometry, 8/95 - 12/95.

JONN-KOOK SHIN (Korea), University of Oklahoma, Algebraic Topology, 8/95 - 5/96.

KAMIL RUSEK (Poland), University of New Mexico, Algebraic Geometry, 8/95 - 5/96.