

MARTIN GRÖTSCHHEL

Born September 10, 1948 in Schwelm, Germany
- married since 1976 with [Iris Grötschel](#), 3 daughters



Foto: Judith Affolter

Education

1971	Vordiplom (Bachelor) in Mathematics, University of Bochum
1973	Diplom (Master) in Mathematics, University of Bochum
1977	Ph.D. (Economics), University of Bonn
1981	Habilitation (Operations Research) at University of Bonn

Employment

1973 – 1982	Scientific Assistant at the University of Bonn
1982 – 1991	Full Professor of Applied Mathematics at the University of Augsburg
1991 – 2015	Full Professor of Information Technology at Technische Universität Berlin (Department of Mathematics)
1991 – 2012	Vice President of the Konrad-Zuse-Zentrum für Informationstechnik Berlin (Zuse Institute Berlin - ZIB)
2012 – 2015	President of the Konrad-Zuse-Zentrum für Informationstechnik Berlin (ZIB)
2015 – 2020	President of the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)

Research Fields and Research Interests

Discrete Mathematics, Operations Research, Optimization; Applications of mathematics in telecommunication, chip design, energy, production planning and control, logistics and public transport; electronic information and communication, open access, open science, mathematical and IT aspects of digital humanities.

Further Activities (Selection)

1993/1994	President of the Deutsche Mathematiker-Vereinigung (DMV)
1999 – 2014	Member of the Executive Committee of the International Mathematical Union (IMU)
2002 – 2008	Chair of the DFG Research Center MATHEON “Mathematics for key technologies, TU Berlin
2002 – 2009	Member of the Executive Board of the DFG Research Center MATHEON “Mathematics for key technologies, TU Berlin
2007 – 2014	Secretary of the International Mathematical Union (IMU)
2011 – 2015	Chair of the Einstein Foundation Berlin

Membership in Scientific Academies

1995	Member of the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)
1999	Foreign Member of the National Academy of Engineering (NAE), USA
2003	Member of acatech – German Academy of Science and Engineering
2005	Member of Leopoldina – German National Academy of Sciences
2015	Foreign Member of the Chinese Academy of Sciences (CAS)
2016	Fellow of The World Academy of Sciences (TWAS) for the development of science in the developing countries
2017	Member of Academia Europaea – The Academy of Europe

Several activities in national and international scientific societies (e.g. MPS, SIAM, GMÖOR);
Active editorial responsibilities for 7 scientific journals.

Scientific Awards and Distinctions (Selection)

1982	Fulkerson Prize of the American Mathematical Society and Mathematical Programming Society
1990	Karl Heinz Beckurts Prize
1991	George B. Dantzig Prize (Society of Industrial and Applied Mathematics and Mathematical Programming Society)
1995	Gottfried Wilhelm Leibniz Prize of the German Research Foundation (Deutsche Forschungsgemeinschaft (DFG))
1998	Honorary Member of the Deutsche Mathematiker-Vereinigung
1999	Scientific Award (Wissenschaftspreis) of the Gesellschaft für Operations Research
2004	EURO Gold Medal 2004 (EURO - The Association of European Operational Research Societies)
2006	Alwin-Walther Medal for outstanding scientific work in applied mathematics (TU Darmstadt)
2006	Honorary Doctorate (University of Karlsruhe)
2006	John von Neumann Theory Prize (Institute for Operations Research and the Management Sciences - INFORMS)
2007	Honorary Doctorate (Vietnamese Academy of Science and Technology - VAST)
2008	Golden Badge of Honor of the TU Berlin
2008	Honorary Doctorate (Otto-von-Guericke University Magdeburg)
2008	Scientific Award of the Governing Mayor of Berlin
2009	Fellow of the Society for Industrial and Applied Mathematics (SIAM)
2010	Medal of Honour, Escuela Politécnica Nacional, Quito, Ecuador
2010	SIAM Prize for Distinguished Service to the Profession
2011	Honorary Doctorate (University of Augsburg)
2011	IBM Faculty Award
2011	TUM Distinguished Affiliated Professor (TU Munich)
2014	Life Time Award der Stiftung heureka für Umwelt & Mobilität (HEUREKA 2014, Stuttgart)

Publications:

See complete list: <https://www.zib.de/groetschel/research/Musterbiblio.html>

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