

Personal Data

29.8.1949 born in Ingolstadt, Germany
1972 marriage to Ena Friedrichson, three children (born in 76, 79, 80)

Education

1968 – 1974 study of computer science and mathematics at TU München
 and Cornell University, Ithaca, USA
1974 Doctor of Philosophy, Computer Science, Cornell University,
 Dissertation “Polynomial and Abstract Subrecursive Classes”

Employment and Scholarships

1971 – 1974 Studienstiftung des Deutschen Volkes
1973 – 1974 Cornell University Fellowship
1974 – 1975 Research Associate at Universität des Saarlandes,
 Dept. of Computer Science
1975 – Professor of Computer Science, Universität des Saarlandes
1990 – Director, Max-Planck-Institut for Informatics in Saarbrücken
1995 Cofounder (with Stefan Näher and Christian Uhrig),
 Algorithmic Solutions Software GmbH

Awards

1986 Leibniz-Award, Deutsche Forschungsgemeinschaft
1989 Humboldt-Award for German-French Cooperation
1994 Karl-Heinz-Beckurts-Award
1995 Member of Academia Europaea
1995 Konrad-Zuse-Award
1999 ACM Fellow
2001 Member of Berlin-Brandenburgische Akademie der Wissenschaften
2002 Honorary Doctoral Degree, Otto-von-Guericke Universität Magdeburg
2004 Member of Deutsche Akademie der Naturforscher Leopoldina
2004 Member of acatech, Konvent für Technikwissenschaften
2006 Honorary Doctoral Degree, University of Waterloo, Canada

- 2008 Honorary Doctoral Degree, Aarhus University, Denmark
- 2010 EATCS-Award
- 2011 ACM Paris Kanellakis Theory and Practice Award

Editorial Responsibilities

- 1981 – 1986 Information Processing Letters
- 1985 – 2001 Algorithmica
- 1985 – 1995 Information and Computation
- 1988 – 2001 SIAM Journal of Computing
- 1988 – 2001 Journal of Discrete and Computational Geometry
- 1990 – 2001 International Journal of Computational Geometry & Applications
- 1990 – Computational Geometry: Theory and Applications, Editor-in-Chief
- 1999 – 2001 Computing
- 2004 – ACM Transactions on Algorithms, Editor
- 2004 – Japan Journal of Industrial and Applied Mathematics (JJIAM), Advisory Board
- 2008 – Mathematical Programming Computation, Advisory Board
- 2010 – Journal of the ACM, Editorial Board

Other Responsibilities

- 1976 – 1978 Chairman of Computer Science Department, Saarbrücken
- 1987 – 1989 Chairman of Computer Science Department, Saarbrücken
- 1986 – 1988 Speaker Sonderforschungsbereich 124, VLSI-Entwurfsmethoden und Parallelität
- 1993 – 1999 Member of the Senate, Deutsche Forschungsgemeinschaft (German National Science Foundation)
- 1993 – 2000 Member of the Scientific Advisory Board of the Gesellschaft für Mathematik und Datenverarbeitung (GMD)
- 1993 – 1996 Member of the Scientific Advisory Board, Siemens Corporate Research
- 1994 – 1997 Prime Contractor, EU-Project ALCOM II
- 1995 – 1998 Member of the Senate, Helmholtz Gesellschaft
- 1998 – 2000 Prime Contractor, EU-Project GALIA
- 1998 – 2004 Member of Board of Trustees, International Computer Science Institute, Berkeley
- 2001 – 2002 Vice Chairman, Chemisch-Physikalisch-Technische Sektion (CPTS) der Max-Planck-Gesellschaft
- 2001 International Review Panel, UK Research in Computer Science
- 2001 Review Committee, Computer Science Department, ETH Zürich

2002 – 2008 Vice President, Max-Planck-Gesellschaft
2002 – 2014 Member of Senate, Max-Planck-Gesellschaft
2002 Review Committee, Computer Science Department, Humboldt-Universität, Berlin
2005 Review Committee, CWI, Amsterdam
2006 International Review Panel, UK Research in ICT
2006 Co-initiator DFG Research Program Algorithm Engineering
2007 – Board of Governors, Jacobs University, Bremen
2008 – Principal Investigator, Cluster of Excellence Multimodal Computing and Interaction
2009 – Joint Advisory Board, Carnegie Mellon Qatar
2010 – Chairman, Scientific Board,
Institute of Science and Technology Austria (IST-Austria)
2010 – Co-Director, Indo Max Planck Center for Computer Science (IMPECS)
2011 – Scientific Advisory Board, Simons Foundation