

Prof. Dr. Achim Bachem

Professor Dr. Achim Bachem has been Chairman of the Board of Directors of Research Centre Jülich since Oct. 2006.

He was previously a member of the Board of Directors of the German Aerospace Centre (DLR) from 1996 to 2006. In this position he was responsible for space flight and transportation research as well as for information and communication technology. He has also been the German delegate to the European Space Agency (ESA), a member of the supervisory board of the European Transonic Wind Tunnel (ETW), the German-Dutch Wind Tunnels (DNW), and also the German delegate to the NATO Research and Technology Organization.

From 1983 to 1996, he was Full Professor of Applied Mathematics and Director of the Mathematics Institute at Cologne University. In 1988, he additionally became head of the newly founded Institute of Computer Science and, at the same time, was Dean of the Faculty of Science and Mathematics from 1989 to 1991. From 1993 to 1996 he was a founder member and chairman of the board of the Centre for Parallel Computing (ZPR) at Cologne University.

His primary scientific interests are combinatorial mathematics, scientific computing and operations research. As President of the Society for Mathematics, Economics and Operations Research (1991 - 1993), Chairman of various HPC-initiatives ("Parallel Data Processing Initiative of North Rhine-Westphalia (NRW)" (1992 – 1995), "NRW Metacomputing", "Transport and Environmental Impacts NRW") he also played a major role in interdisciplinary research topics in the field of high-performance computing. From 1994 to 2000, he was a member and chairman of the German Research Council's (DFG) Committee for Computer Facilities.

From 1982 to 1983, he was Professor of Operations Research at the University of Bonn, and from 1980 to 1982 Professor of Applied Mathematics at the University of Erlangen-Nuremberg.

From 1969 to 1973, Professor Bachem studied mathematics and physics at the Universities of Cologne and Bonn. In 1976 he completed his doctorate with a dissertation on the theory of corner polyhedra, and in 1980 obtained his Habilitation from the University of Bonn with a thesis on a topic in discrete mathematics.

Professor Bachem has published five books and 70 scientific papers and has given numerous national and international lectures in the field of combinatorial optimization, complexity theory and scientific computing.

Professor Bachem was born in 1947, and is married with two children.