

Prof. Dr. Achim Bachem

Prof. Dr. Achim Bachem, who was born in 1947, has been chairman of the Research Center Jülich since October 1, 2006.

From 1996 to 2006, he was a member of the management board of the German Aerospace Center (DLR), where he was responsible for space and transport research as well as information and communication technology. He was also the German delegate to the European Aerospace Organization (ESA), a member of the supervisory boards of the European Transonic Windtunnel (ETW) and the German-Dutch Windtunnels (DNW) as well as the German delegate to the NATO Committee for Research and Technology.

From 1983 to 1996 he was a professor of applied mathematics and director of the Mathematical Institute at the University of Cologne. From 1988 onwards he was also head of the newly founded Institute of Information Science and, from 1989 to 1991, he was dean of the Faculty of Mathematics and Science. From 1993 to 1996 he was a founding member and chairman of the Center for Parallel Computing (ZPR) of the University of Cologne.

Prof. Dr. Bachem's fields of academic interest include discrete mathematics, scientific computing and operations research. In addition, he has made substantial contributions to various interdisciplinary research projects in the field of high-performance computing in his roles as chairman of the Society for Mathematics, Economics and Operations Research (1991-1993), chairman of the management board of the Parallel Data Processing Initiative of North Rhine-Westphalia (1992-1995) and as founding chairman of the research clusters NRW Metacomputing and Transport and Environmental Impacts NRW. He was member and chairman of the German Research Foundation (DFG) Committee for Computer Facilities from 1994 to 2000.

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, Prof. Dr. Bachem studied mathematics and physics at the universities of Cologne and Bonn. He was awarded his doctorate (Dr. rer. pol.) in 1976 with contributions to the theory of "Corner Polyheders" and his postdoctoral qualification ("Habilitation") in 1980 at the University of Bonn with a treatise on the topic of discrete mathematics.

Professor Bachem is the author of five books and 70 academic publications and has made numerous presentations in Germany and abroad on topics from the fields of combinatorial optimization, complexity theory and scientific computing.