

# Biographical Sketch – Scientific Profile

Prof. Dr. Wolfgang Dahmen

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## Personal Data

19.10.1949    born in Linnich, Germany  
German citizen, married, one child  
1968–1970    army service

**Citations** ISIHighlyCited.com

## Education

1974    Diploma in Mathematics/Secondary Physics, RWTH Aachen  
1976    Ph D (Dr. rer. nat), RWTH Aachen  
1981    Habilitation (Mathematics), University of Bonn

## Professional Experience

1974–1976    Research Assistant, Lehrstuhl A für Mathematik, RWTH Aachen  
1976–1981    Wissenschaftlicher Assistent, Institute of Applied Mathematics,  
1979–1980    Research Fellowship, IBM T.J. Watson Research Center,  
Yorktown Heights, NY, USA  
1981–1987    Professor (C3) Mathematics, University of Bielefeld  
1987–1992    Professor (C4) Mathematics, Free University of Berlin  
1992–    Professor (C4) Mathematics, RWTH Aachen  
May 1998    Offer of the position of the Director of the Institute  
of Applied Mathematics, Purdue University, USA  
Feb. 2003    Offer of a full Professorship, DFG Research Center, TU Berlin  
Aug. 2005    Adjunct professorship, University of Columbia,  
South Carolina, USA

## Visiting Positions, Invitations

28 (e.g. Princeton, IBM, N.Y., Texas A & M, tel Aviv, Amsterdam, Warsaw, Cambridge, Beijing, Columbia, Alberta, Zaragoza, Paris, Copenhagen, Minneapolis, Prague)

## Invited Addresses, Plenary Lectures

ICM 94, International Congress of Mathematicians, Zürich, Aug. 3–11, + 95 others

**Lecture Series** 16 (e.g. Guangzhou, China; New Dehli, India; Texas A& M; Bern; ETH Zürich; Cambridge)

## Honors and Awards:

1972–1974    Stipend of the Studienstiftung des Deutschen Volkes  
Borchers Plakette, Springorum Gedenkmünze, RWTH Aachen  
1979/80    IBM Postdoctoral Fellowship  
since 2001    listed under ISI HighlyCited  
March 2002    Gottfried Wilhelm Leibniz-Award 2002

## Current Research Topics:

Applied and Numerical Analysis, Approximation Theory, Mathematical Learning Theory, interdisciplinary Applications

## Memberships:

1994–	Scientific Board of the Center of Interdisciplinary Research (ZIF), Bielefeld
1995–	Executive Committee of FoCM (Foundations of Computational Mathematics)
2000–2005	DFG(German Research Foundation)-Reviewer for Mathematics
2005–	Member of the Senate of the DFG
2001–	Member of the Nordrhein-Westfalian Academy of Sciences
2001–	SIAM
2003	Member of the Election Board for the Cantor Medal
2004	Member of the panel for Section 16, ICM06 “Numerical Analysis and Scientific Computing”
2006–	Member of the ERC Panel PE1: <i>Mathematics, Physical Sciences</i>
2007–	Member of the advisory board of the Cluster of Excellence “Future Ocean”, University of Kiel
2008–	Member of the advisory board of the Department of Mathematics University of Aveiro, Portugal

## Associate Editor of:

- Journal of Approximation Theory and Applications,
- Advances in Computational Mathematics (-2004),
- Applied Computational and Harmonic Analysis,
- SIAM Journal Math. Anal.,
- SIAM Journal Numer. Anal.,
- Journal of Foundations of Comp. Math.,
- Journal of Approx. Theory, Numerische Mathematik.
- Acta Numerica (appointed Oct. 2008)
- M2AN (appointed Oct. 2008)

*Editor-in-Chief:* Constructive Approximation,