

# Curriculum Vitae

**Hans-Dieter Alber**

## Personal Dates

Date of birth: 08.09.1949 in Tailfingen, Germany  
Marital status: Married since 1977, two daughters  
Visit of schools: 1955 - 1968 in Tailfingen and Ebingen

## University Education

1968 - 1974 Study of mathematics at the University of Tübingen  
March 1974 Diploma examination in mathematics  
1974 - 1976 Postgraduate at the Department of Mathematics of the Technische Hochschule Darmstadt (Scholarship of the Federal State of Hesse)  
June 1976 Dr. rer. nat. (PhD) at the Technische Hochschule Darmstadt  
January 1982 Habilitation in Mathematics, University of Bonn

## Professional Experience

1976 - 1978 Post-doc at the University of Bonn  
1978 - 1985 Assistant at the University of Bonn  
1985 - 1986 Visiting Associate Professor, Department of Mathematics, Kansas State University, Manhattan, Kansas (USA)  
1986 - 1987 Assistant at the University of Bonn  
1987 - 1988 Professor of Mathematics (C3), University of Stuttgart  
since 1988 Professor of Mathematics (C4), Darmstadt University of Technology  
April 2015 Professor emeritus

## Professional Activities

1976 - 1987 Member of the centers of excellence “Approximation und Optimierung in einer anwendungsbezogenen Mathematik” (SFB 72) and “Nichtlineare partielle Differentialgleichungen” (SFB 256) at the University of Bonn (funded by the DFG)  
1992 - 1993 Dean of the faculty of mathematics at the Darmstadt University of Technology  
1991 - 1993 Member and leader of a research project of the research unit “Ingenieurwissenschaftliche und mathematische Analyse

- bruchmechanischer und inelastischer Probleme" (funded by the DFG)
- 1994 - 2002 Member and leader of research projects of the center of excellence "Deformation und Versagen bei metallischen und granularen Strukturen" (SFB 298, funded by the DFG)
- 2001 - 2002 Cochair (together with Prof. Dr. Michael Schäfer) in the installation of the graduate college "Modelling, Simulation and Optimization in Applied Engineering" at the Darmstadt University of Technology (DFG Graduiertenkolleg 853)
- 2002 – 2006 Member of the DFG Graduiertenkolleg 853
- since 1998 Member of the editorial boards of the journals "Mathematical Methods in the Applied Sciences" (until 2015), "Asymptotic Analysis" (since 1999), "Demonstratio Mathematica" (2001 - 2008, since 2008 associate editor ) "Journal of Multiscale Modelling" (since 2008)
- since 2000 Member of the GAMM-committee "Analysis of Microstructures"
- 2003 - 2006 Member of the "Board of Curators of the Küpfmüller Prize" at the Darmstadt University of Technology
- since 1988 Member of the selection committee of the "Bundeswettbewerb Mathematik" (German national mathematics contest)
- since 2001 Professor of trust at the Darmstadt University of Technology of the "Studienstiftung des Deutschen Volkes" (German national foundation for promoting and supporting excellent students)
- 2005 – 2015 Member of the "Universitätsversammlung der Technischen Universität Darmstadt"
- 2007 – 2008 Member of the "Senatsausschuss Studium und Lehre der Technischen Universität Darmstadt"
- 2010 – 2011 Member of the program comitee of GAMM (International Association of Applied Mathematics and Mechanics)
- since 2013 Member of the GAMM-committee "Phase field models"

### **Professional Societies**

Member of GAMM, DMV, EMV, Bonner Mathematische Gesellschaft, Hochschulverband, Verein zur Förderung des Mathematischen Forschungsinstituts Oberwolfach, Vereinigung von Freunden der Technischen Universität zu Darmstadt e.V., International Society for the Interaction of Mathematics and

Mechanics (ISIMM)

**Honors**

June 15. 2010      Honorary Doctor of the Mongolian University of Science  
and Technology

**PhD Students**

A. Heidrich, F. Klaus, J. Jäpel, Z. Sarantuja, P. Zahn, S. Ebenfeld,  
P. Neff, W. Pompe, S. Nesenenko, N. Kraynyukova,