

CV (Short Biography) of Bernd Hofmann

Bernd Hofmann (*25 February 1953 in Eibau/Germany) studied Mathematics, obtaining Dipl.-Math., Dr. rer. nat. and Dr. rer. nat. habil degrees from TH/TU Chemnitz (former Karl-Marx-Stadt) in 1976, 1980 and 1984, respectively. Since he joined the academic staff of the Department of Mathematics of this university in 1980 as a senior assistant, moreover working there from 1985 to 1988 as a lecturer, he has been actively involved in the area of inverse problems research with applications in natural sciences, engineering and finance. In 1986 he published one of the first monographs on inverse problems entitled “Regularization for Applied Inverse and Ill-Posed Problems” at Teubner-Verlag Leipzig. He realized sabbatical semesters at the International Mathematical Center ‘Stefan Banach’ in Warsaw/Poland in 1980 and at the chair of academician A. N. Tikhonov at Moscow State University in 1987. From 1988 to 1992 Bernd Hofmann worked as a Professor of Mathematics at TH Zittau. In 1991 he visited the Johannes Kepler University Linz/Austria as a guest professor, and in 1992/93 he did research at Free University of Berlin as a Fellow of the Alexander von Humboldt Foundation based on an award from the Alfred Krupp Foundation. In 1993 he was appointed to the Professorship of Inverse Problems at the Chemnitz University of Technology, where he established an inverse problems research group organizing the annual international ‘Chemnitz Symposium on Inverse Problems’. In the following years Bernd Hofmann was as a visiting research fellow at the University of Tokyo, at the Australian National University of Canberra, and at the Johann Radon Institute for Computational and Applied Mathematics (RICAM) in Linz/Austria where he chaired from April to July 2009 a ‘RICAM Special Semester on Inverse Problems’. He worked as Vice Dean from 2000 to 2003 and as Dean of the Faculty of Mathematics at the Chemnitz University of Technology from 2006 to 2009. Bernd Hofmann has published three books and more than 150 papers in research journals and conference proceedings on regularization theory and analysis, numerics as well as stochastics of inverse problems. In the past, he worked as a member of the Editorial Boards of the journals ‘Mathematics and Computers in Simulation’ and ‘Inverse Problems in Science and Engineering’. Currently, he is a member of the International Editorial Boards of the journals ‘Inverse Problems’ (IOPP Bristol), ‘Journal of Inverse and Ill-Posed Problems’ (De Gruyter Berlin/Boston), ‘Numerical Functional Analysis and Optimization’ (Taylor & Francis), ‘Electronic Transactions on Numerical Analysis - ETNA’ (Kent State Univ. and RICAM Linz) and ‘Eurasian Journal of Mathematical and Computer Applications’. In 2014 he received the EAIP Award from ‘The Eurasian Association on Inverse Problems’. Bernd Hofmann is married and has one son. After completing his teaching career (formal retirement in October 2018) he works as Head of the ‘Research Group on Regularization of Inverse and Ill-Posed Problems’ at the Faculty of Mathematics of the TU Chemnitz and in this context as Principal Investigator of research projects of the German Research Foundation (DFG).