Editorial

This volume contains a blend of papers presented at the *7th European Multigrid Conference*, held in Hohenwart, October 2002. There were 74 participants from 10 countries.

The *European Multigrid Conference* is organized every three years. Earlier conferences were held in Cologne in 1981 and 1985, in Bonn in 1990, in Amsterdam in 1993, in Stuttgart in 1996 and in Ghent in 1999. The *European Multigrid Conference 2002* was organized by the research network WiR Baden-Württemberg in cooperation with the Simulation in Technology Chair of the University of Heidelberg, the GAMM committee for Scientific Computing and the Steinbeis GmbH, Stuttgart.

The list of topics contained lectures on Multigrid Methods: robustness, adaptivity, algebraic multigrid, parallelization, application in computational fluid dynamics, porous media flow and mathematical finance.

Special thanks are due Oktavia Klassen, Apollonia Croci, Katrin Cramer-Langer and Jochen Hittler, who helped in the organization of the conference, and Babett Lemke, who carefully compiled the contributions to this volume.

Heidelberg, May 2004

Wolfgang Hackbusch, Gabriel Wittum