

# In Memoriam

## Klaus Dieter Bierstedt

4.5.1945 - 23.5.2009

Klaus Bierstedt began his mathematical education in the summer term of 1964 at the University of Mainz where his diploma and doctoral theses were written under the direction of B. Gramsch. He worked as an assistant in Mainz and later at the university in Kaiserslautern, where he completed his Habilitation in 1974. In the fall of 1974 he accepted a call to the new University in Paderborn where he spent his career.

His organizational talents contributed greatly to communication and collaboration in the international mathematics community. Together with B. Fuchssteiner he organized three conferences on Functional Analysis in Paderborn in 1976, 1980, and 1984. Later he was co-organizer of conferences in Peniscola (1990), Essen (1994), and Valencia (2000). Together with H. König and H. Schaefer he was one of the organizers of the famous meetings on functional analysis in Oberwolfach in the 1980's and he was one of the founders of the Northwest German Colloquium on Functional Analysis. He was a member of the Council of the DMV from 1983 till 1990 and initiated joint meetings between the DMV and the American Mathematical Society in Heidelberg in 1993, with the Société Mathématique de Belgique in Liège in 2001 and with the AMS and the ÖMG in Mainz in 2005. The Societé Royal des Sciences (Liège) elected him in 1988 as a corresponding member and the Real Academia de Ciencias (Madrid) did so in 1999. His many international contacts and collaborations were strengthened by holding visiting positions at the Universities of Maryland (USA) 1974, Estadual de Campinas, Sao Paulo (Brasil) 1977, Arakansas, Fayetteville (USA) 1982 and 1986, and Politécnica de Valencia several times since 1991.

Klaus Bierstedt published 57 articles in international journals and conference proceedings. His mathematical work began with investigations on topological tensor products and spaces of vector-valued continuous functions. Then he contributed to many areas of functional analysis like distribution theory, approximation theory, inductive limits, infinite dimensional holomorphy, nuclear spaces, and projective description of weighted inductive limits of spaces of continuous and holomorphic functions and he was the supervisor of nine doctoral theses. He worked together with nine co-authors. A full list of his publications can be found on his homepage

<http://math-www.uni-paderborn.de/~klaUSD/>

Besides his creative work, Klaus Bierstedt worked as referee for many journals and he was member of the editorial committee of the journals *Mathematische Nachrichten* and *Arab Journal of Mathematical Sciences*. He was also member of the Coordinating Committee of *Zbl. MATH* and vice-chair of the Scientific Council of FIZ Karlsruhe.

The authors of this obituary had a fruitful cooperation with Klaus Bierstedt for many years. They both appreciated his broad knowledge and his constant enthusiasm for mathematical problems. We lost a great colleague and a true friend.

José Bonet, Reinhold Meise