



Biography Dr. Peter Vettiger

Dr. Peter Vettiger holds a degree in Electrical Engineering from the Zurich University of Applied Science, and has worked since 1965 at the IBM Zurich Research Laboratory as research staff member and project manager/leader.

He also spent extended time in the USA at the IBM T.J. Watson Research Center in Yorktown Heights, NY, and at IBM's Semiconductor Plant in East Fishkill, NY. For several years he led the IBM Zurich research activities in micro/nanoscale fabrication techniques for superconductive, electronics and opto-electronics devices and systems. In 1995, jointly with Nobel Laureate G.K. Binnig he started and led the newly formed Micro/Nanomechanics Group at the Zurich Research Laboratory, exploring the potential of highly parallel scanning probe array techniques for ultra-dense data storage (known internally as the "Millipede" project).

He holds several IBM Outstanding and Invention Achievement Awards, and (co-)authored more than 170 scientific publications and four book chapters. He also is the (co)-inventor of more than 80 patents, and was elected an IBM Research Division Master Inventor in 1998.

In 2000 he was elected as IEEE Fellow, and in 2001 he was honored with a Doctor honoris causa from the University of Basel, Switzerland. Since 2003, he is retired but still involved part-time in various activities at IBM, and as visiting Professor at the CSEM/IMT of the University of Neuchâtel, Switzerland, the Micro Electronic Center of the Danish Technical University at Lyngby, and at the CNM, National Microelectronics Center of Spain in Barcelona. He was appointed member of the Royal Academy of Science and Arts, Barcelona, and the Swiss Academy of Engineering Sciences in 2005 and 2007 respectively.