



SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

Speaker's Biography

Rainer Waser, Professor at the Faculty for Electrical Engineering and Information Technology of the RWTH Aachen University and director at the Institute of Solid State Resesarch (IFF) at the HGF Research Center Jülich, Germany.



In 1984, he received his PhD in physical chemistry at the University of Darmstadt, and worked at the Philips Research Laboratory, Aachen, until he was appointed professor in 1992.

His research group is focused on fundamental aspects of electronic materials and on such integrated devices as non-volatile memories, specifically ferroelectric and resistive memories, logic devices, sensors and actuators. Throughout, he has been collaborating with major semiconductor industries in Europe, the US, and the Far East.

He has organized several international conferences, published about 200 technical papers and holds ten patents. Among others, he has edited the book *Nanoelectronics and Information Technology – Advanced Electronic Materials and Novel Devices*, which has been published in 2003 by Wiley Inc.

Since 2002, he has been the coordinator of the research program *Nanoelectronic Systems* within the Germany National Research Centers (Helmholtz Association) and co-founder of the *Center of Nanoelectronic Systems for Information Technology – CNI* at the Research Center Jülich.