

Reinhard H. Knoechel - Biography

Reinhard Knoechel received the Dipl.-Ing. in Electrical Engineering in 1975, and the Dr.-Ing. in 1980 from the Technical University, Braunschweig, Germany. From 1980 to 1986 he was a principal scientist at the Philips Research Laboratory, Hamburg, Germany. In 1986 he joined the Technical University Hamburg-Harburg, where he was a Full Professor in Microwave Electronics until November 1993. Since December 1993 he has held the Chair in Microwave Engineering at the University of Kiel, Kiel, Germany. Presently he is Dean of the Department. His research interests include active and passive microwave components, ultra-wideband technology, microwave measurement techniques, industrial microwave sensors and radar.

Dr. Knoechel is active in the IEEE. He serves on the TPRC of the IEEE Microwave Symposium (IMS), and is the chair of the Technical Committee MTT-16 on Microwave Systems. He was the General Chairman of the "German Microwave Conference 2008". Dr. Knoechel is a Fellow of the IEEE "for contributions to microwave systems and sensors for industrial process control". He has published more than 240 papers in reviewed journals and at scientific conferences. He was Guest Editor of the book "Sensors Update", Vol.7 (Wiley-VCH), and the special issue on ultra-wideband of the IEEE Trans. on Microwave Theory and Techniques, vol. 54, April 2006. He has authored 39 patent families. He is a member of URSI Commission A, and a member of the German Institute of Electrical Engineers VDE-ITG. He was recipient of the VDE best-paper award in 1978, the European Microwave Prize in 1980 and the TSH-Technology Transfer Award in 2003.