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Joachim N. Burghartz received his MS degree from RWTH Aachen in 1982 and his PhD degree in 1987 from the University of Stuttgart, both in Germany. From 1987 thru 1998 he was with the IBM T. J. Watson Research Center in Yorktown Heights, New York, where he was engaged in early development of SiGe HBT technology and later in research on integrated passive components, particularly inductors, for application to monolithic RF circuits.

From 1998 until 2005 he was with TU Delft in the Netherlands as a full professor and from 2001 as the Scientific Director of the Delft research institute DIMES. In fall 2005 he moved to Stuttgart, Germany, to head the Institute for Microelectronics Stuttgart (IMS CHIPS). In addition, he is affiliated with the University of Stuttgart as a full professor.

One of his main research topics is flexible electronics. He is an IEEE Fellow, an IEEE Distinguished Lecturer and recipient of the 2014 EDS J.J. Ebers Award. Dr. Burghartz has published more than 350 reviewed articles and has issued about 30 patents.