



# TECHNISCHE UNIVERSITÄT DRESDEN

**Gerhard Fettweis**

**Managing Director Vodafone Chair Mobile Communications Systems  
Technische Universität Dresden**

Gerhard Fettweis earned his Ph.D. degree from Aachen University of Technology (RWTH) in 1990. From 1990 to 1991, he was Visiting Scientist at the IBM Almaden Research Center in San Jose, CA, developing signal processing innovations for IBM's disk drive products. From 1991 to 1994, he was a Scientist with TCSI Inc., Berkeley, CA, responsible for signal processor IC development projects for cellular phone chip-sets. Since 1994 he holds the Vodafone Chair at Technische Universität Dresden, Germany.

Gerhard Fettweis has (co-)authored 500 publications and more than 25 patent families. He is TPC Chair of IEEE ICC 2009 (Dresden), and has organized many other events. Among receiving other awards, as the Alcatel-Lucent Research Award, he is an IEEE Fellow. Next to producing scientific innovations, he has spun-out eight start-ups: Systemonic (now NXP and ST-NXP Wireless), Radioplan (Actix), Signalion, InCircuit, Dresden Silicon (Signalion), Freedelity, RadioOpt, and Blue Wonder Communications.

At TU Dresden he setup a team of currently 20 companies sponsoring his research, coming from Asia, Europe, and the US. In addition, an equally large set of companies have funded his Ph.D. research projects so far. A prominent project example is the German EASY-C project, researching on LTE-Advanced technology, and setting up the largest cellular testbed in downtown Dresden.

In his current capacity as the "Vodafone Academic Ambassador" he assists Vodafone in strategic guidance of international academic research collaborations.

