

# Distinguished Service Award Winner 2018

**EuMA** | European  
Microwave  
Association

## Prof. Robert Weigel



Robert Weigel was born in Ebermannstadt, Germany, in 1956. He received the Dr.-Ing. And the Dr.-Ing.habil. degrees, both in electrical engineering and computer science, from the Munich University of Technology in Germany where he respectively was a Research Engineer, a Senior Research Engineer, and a Professor for RF Circuits and Systems until 1996. During 1994 to 1995 he was a Guest Professor for SAW Technology at Vienna University of Technology in Austria. From 1996 to 2002, he was Director of the Institute for Communications and Information Engineering at the University of Linz, Austria where, in August 1999, he co-founded the company DICE, since split into an Infineon Technologies (DICE) and an Intel (DMCE) company with a total now of 450 staff members which are devoted to the design of RFICs for mobile radio and MMICs for vehicular radar applications. In 2000, he was appointed a Professor for RF Engineering at the Tongji University in Shanghai, China.

Since 2002 he is Head of the Institute for Electronics Engineering at the University of Erlangen-Nuremberg, Germany. Since 2017, he is Spokesman of the University's Department of Electrical Engineering. In Erlangen, respectively in 2009, in 2012, and in 2015 he co-founded the companies eesy-id, eesy-ic and eesy-innovation.

Prof. Weigel has been engaged in research and development of microwave theory and techniques, electronic circuits and systems, and communication and sensing systems. In these fields, he has published more than 900 papers. He received the 2002 VDE ITG-Award, the 2007 IEEE Microwave Applications Award, the 2016 IEEE MTT-S Distinguished Educator Award, and the 2018 IEEE Rudolf Henning Distinguished Mentoring Award.

Prof. Weigel is a Fellow of the IEEE, an Elected Member of the German National Academy of Science and Engineering (acatech), and an Elected Member of the Senate of the German Research Foundation (DFG). He is and has been serving on numerous advisory boards of government bodies, research institutes and companies in Europe and Asia. Furthermore, he is and has been serving on various editorial boards such as that of the Proceedings of the IEEE. He has been a member of numerous conference steering and technical

program committees. He was General Chair of several conferences such as the 2004 URSI International Symposium on Signals, Systems and Electronics (ISSSE) in Linz, Austria and Technical Program Chair of several conferences such as the 2002 IEEE International Ultrasonics Symposium in Munich, Germany. He served in many roles for the IEEE MTT and UFFC Societies. He has been Founding Chair of the Austrian COM/MTT Joint Chapter, Region 8 MTT-S Coordinator, Distinguished Microwave Lecturer, MTT-S AdCom Member, and the 2014 MTT-S President.

Prof. Weigel also served in many roles for the European Microwave Association (EuMA). Since about 1990, he has served as a reviewer and, most of the years, also as a TPC member of one the EuMW conferences (EuMC, ECWT or EuMIC). He was General Chair of the EuMW 2013 and Honorary Chair of the EuMW 2017, both in Nuremberg, Germany. Prof. Weigel was the Founding Editor of the Proceedings of the European Microwave Association and served as Editor until 2009 when the Proceedings were transferred into the International EuMA Journal of Microwave and Wireless Technologies. He was TPC Chair of the ECWTs 2003 and 2007 in Munich, Germany. For EuMW 2003 he served as the Treasurer. At the EuMW conferences he organized several workshops as well as special and focused sessions, submitted numerous papers of his research groups and contributed to and organized many special EuMW events such as the Bavarian State Receptions when EuMW has been held in Germany since 1999. At EuMW 2013, he initiated the 1st European Microwave Student School enabling students of European Universities to receive ECTS points for their curricula; and also at EuMW 2013, he initiated the 1st Graduate Student Industrial Career Platform for Ph.D., master and bachelor students. During his time as a Voting Member of the AdCom of the IEEE MTT-Society (2004 to 2017) he always served as a constructive bridge between EuMA and IEEE MTT-S through several functions and activities, e.g. as chair of MTT-S's AdCom Subcommittee for International Liaison, and in particular when he was the MTT-President in 2014, when the EuMA President and he worked out the new EuMA/MTT-S agreement signed at the EuMW 2014 in Rome.