

# Microwave Career Award

*Recognizes a career of meritorious achievement and outstanding technical contribution by an individual in the field of microwave theory and techniques*



## Peter Russer

*For a Career of Leadership, Meritorious Achievement, Creativity and Outstanding Contributions in the Field of Microwave Theory and Techniques*

Peter Russer received the Dr. techn. (Ph.D.E.E.) degree in 1971 from the Vienna University of Technology, Austria in 1971. In 1971 he joined the Research Institute of AEG-Telefunken in Ulm, Germany. From 1981 until his retirement in 2008, Peter Russer has been a Full Professor at the Technical University Munich (TUM), Germany. From October 1992 to March 1995 he also was founding director of the Ferdinand Braun Institute in Berlin. In 2008 he was appointed Emeritus of Excellence at TUM and is now with the TUM Computational Photonics Lab. Peter Russer co-founded two companies in the areas of microwave systems and EMC measurement technology. Peter Russer has made research contributions in the fields of Josephson microwave detectors and parametric amplifiers, broadband optical fiber transmission, silicon millimeter wave technology, noise analysis of circuits, electromagnetics, numerical computation of electromagnetic fields, and EMC measurement technology. He has published five books and more than 800 scientific papers in refereed journals and conference proceedings. Peter Russer is IEEE Life

Fellow (1994 F, 2013 LF), member of the German National Academy of Science and Engineering - acatech (2006) and URSI Fellow (2017). He received the NTG Award from the German ITG Society (1994), the IEEE MTT Distinguished Educator Award (2006), the IEEE MTT Pioneer Award (2012), and the EuMA Distinguished Service Award (2009). In 2007, Peter Russer received the honorary Doctor degree from the Moscow University of Aerospace Technologies (MAI). In 2010, Peter Russer was awarded the Golden Ring of Distinction, and in 2015 the Medal of Honor, both of the VDE - the German Association for Electrical, Electronic and Information Technologies.