

Today's Electrically Small Antennas: Over 100 Years of Development

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Steven R. Best is a Principal Sensor Systems Engineer with the MITRE Corporation in Bedford, MA. He received the B.Sc.Eng and the Ph.D. degrees in Electrical Engineering in 1983 and 1988 from the University of New Brunswick in Canada. Dr. Best has over 22 years of experience in business management and antenna design engineering in both military and commercial markets. He is the author or co-author of 3 book chapters and over 100 papers in various journal, conference and industry publications. He also presents a three-day antenna design short course and is the author of a CD-ROM series on antenna theory and design. He is a former Distinguished Lecturer for IEEE Antenna and Propagation Society (APS), a former member of the APS AdCom, the APS Electronic Communications Editor-in-Chief, an Associate Editor for the IEEE Transactions on Antennas and Propagation and Senior Past Chair of the IEEE Boston Section. Dr Best is a Fellow of the IEEE and a member of ACES. He is currently the president of the IEEE APS.

Prior to joining MITRE, Dr. Best was with the Air Force Research Laboratory (AFRL) at Hanscom AFB, where his research interests included electrically small antennas, wideband radiating elements, conformal antennas, antenna arrays and communications antennas. Prior to joining AFRL, he was President of Cushcraft Corporation in Manchester, NH from 1997 to 2002. He was Director of Engineering at Cushcraft from 1996 to 1997. Prior to joining Cushcraft, he was co-founder and Vice President and General Manager of Parisi Antenna Systems from 1993 through 1996. He was Vice President and General Manager of D&M/Chu Technology, Inc (formerly Chu Associates) from 1990 – 1993. He joined Chu Associates as a Senior Electrical Engineer in 1987.

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