



Industry renowned speaker and professor:

Dr. Bruce Archambeault

Dr. Bruce Archambeault is an IBM distinguished engineer at IBM in Research Triangle Park, NC. He received his B.S.E.E degree from the University of New Hampshire in 1977 and his M.S.E.E degree from Northeastern University in 1981. He received his Ph. D. from the University of New Hampshire in 1997. His doctoral research was in the area of computational electromagnetics applied to real-world EMC problems.

In 1981 he joined Digital Equipment Corporation and through 1994 he had assignments ranging from EMC/TEMPEST product design and testing to developing computational electromagnetic EMC-related software tools. In 1994 he joined SETH Corporation where he continued to develop computational electromagnetic EMC-related software tools and used them as a consulting engineer in a variety of different industries. In 1997 he joined IBM in Raleigh, N.C. where he is the lead EMC engineer, responsible for EMC tool development and use on a variety of products. During his career in the U.S. Air Force he was responsible for in-house communications security and TEMPEST/EMC related research and development projects.

Dr. Archambeault has authored or co-authored a number of papers in computational electromagnetics, mostly applied to real-world EMC applications. He is currently a member of the Board of Directors for the IEEE EMC Society and a past Board of Directors member for the Applied Computational Electromagnetics Society (ACES). He has served as a past IEEE/EMCS Distinguished Lecturer and Associate Editor for the IEEE Transactions on Electromagnetic Compatibility. He is the author of the book "PCB Design for Real-World EMI Control" and the lead author of the book titled "EMI/EMC Computational Modeling Handbook



*Industry renowned speaker and Chairman of the
IEEE/EMC Society Distinguished Lecturer Program:*

Mr. Lee Hill

Lee Hill is Founding Partner of SILENT, an independent electromagnetic compatibility (EMC) and RF design firm established in 1992 that specializes in design for EMC, EMC troubleshooting, & RF design and training. Previously Lee was Principal EMC and Systems Engineer at Digital Equipment Corporation's Workstation Systems Engineering Group in Palo Alto, California. Lee received the Master of Science Degree in Electrical Engineering & Electromagnetics from the University of Missouri-Rolla, and the Bachelor of Science Degree

in Electrical Engineering from the Rochester Institute of Technology.

Lee has eighteen years of experience in the EMC design and retrofit of complex electronic systems. He has been teaching short courses on EMC design and troubleshooting for over ten years. Lee consults and teaches worldwide, and has presented classes in the United States, Taiwan, Singapore, Mexico, Norway, Canada, and South Korea. He is also a regular EMC course instructor for the University of Oxford, the University of California-Berkeley Extension, and General Motors University. In previous years Lee was an instructor for Agilent Technologies. He has completed a three-year term on the Editorial Review Board of Printed Circuit Design Magazine. Lee holds a US patent for EMI control in portable electronics.

Lee is a member of the IEEE EMC Society Board of Directors. He also chairs the IEEE EMC Society's Distinguished Lecturer Program, and is a member of Technical Committee TC-10 on Signal Integrity. He served as Co-Technical Chair of the 2003 IEEE Symposium on EMC in Boston, Massachusetts. He is a past Vice-Chair of the Central New England Chapter of the IEEE EMC Society. In the past four years he has been a frequent featured speaker at IEEE EMC Society fundraising events in cities throughout the US including Seattle, Portland, Chicago, Milwaukee, and Detroit. He has also provided technical presentations to Society chapters in Los Angeles, San Diego, Austin, Central New England, Dallas/Fort Worth, Colorado and Orange County. In 1999 Lee received a Certificate of Appreciation from the EMC Society for significant contributions to education through his annual participation in the Demonstrations and Experiments portion of annual IEEE EMC Symposia. Lee was a member of the original IEEE P1180 ad-hoc committee on low frequency magnetic field measurement for video display terminal