

Sang Bin Lee



Profile

Sang Bin Lee (S'95-M'01-SM'07) received the B.S. and M.S. degrees from Korea University, Seoul, Korea in 1995 and 1997, respectively, and his Ph.D. degree from Georgia Institute of Technology, Atlanta, GA in 2001, all in Electrical Engineering.

From 2001 to 2004, he was with the Electric Machines and Drives Laboratory, General Electric Global Research Center (GE GRC), Schenectady, NY. At GE GRC, he developed an inter-laminar core fault detector for generator stator cores, and worked on insulation quality assessment for electric machines.

From 2010 to 2011, he was with the Electric Drive Technologies, Austrian Institute of Technology (aka Arsenal Research Laboratory), Vienna, Austria, as a Research Scientist where he worked on condition monitoring of PM synchronous machines. Since 2004, he has been a Professor of Electrical Engineering at Korea University, Seoul, Korea, and has been involved in consulting and training of field maintenance engineers in the power and utilities, petrochemical, steel, and pulp and paper industries. His current research interests are in protection, monitoring and diagnostics, and analysis of electric machines and drives.

Dr. Lee serves as a Distinguished Lecturer (2014-2015) for the IEEE Industry Applications Society (IAS), and as an Associate Editor for the IEEE Transactions on Industry Applications for the IEEE IAS Electric Machines Committee (EMC).

He was the recipient of the 2005 PES Prize Paper Award from the IEEE Power Engineering Society (PES), the 2013 2nd Prize, 2011 1st Prize, 2008 2nd Prize, 2005 1st Prize, and 2001 2nd Prize Paper Awards from IEEE IAS EMC, the 2013, 2011, and 2009 SDEMPED Prize Paper Awards from the Technical Committee on Diagnostics of the IEEE Power Electronics Society (PELS), and the 2015 1st Place, 2014 2nd Place Technical Paper Awards from the Pulp and Paper Industry Committee of IEEE IAS.