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From 1999 to 2000, she worked for Power Electronics and Electric Machinery Research Center of Oak Ridge National Laboratory on developing bidirectional dc-dc converters for hybrid electric vehicles. From 2001-2002, she worked for Tyco Electronics on high efficiency high power density rectifier and dc-dc converter. Currently she is a professor of Electrical and Computer Engineering Department, FAMU-FSU college of Engineering. Her research interests include bi-directional dc-dc converters, micro-grid inverter control, cascaded multilevel inverter, advanced digital control technique and renewable energy generation. She has received NSF Career Award in 2007. She is an IEEE Fellow.