Dr. Rui Ma (MTT Society, TC-20) is a Senior Principal Research Scientist with Mitsubishi Electric Research Laboratories, in Cambridge, Massachusetts. Rui Ma received his Dr.-Ing. Degree in electric engineering from the University of Kassel, Germany in 2009. He then worked at Nokia Siemens Networks (NSN) research center in Beijing China, before joining Mitsubishi Electric Research Labs (MERL) in Cambridge, MA, in 2012. Currently, he is a senior principal research scientist at MERL, and inventor or co-inventor for more than 15 U.S. patents and patent applications on RF, GaN applications. Dr. Ma is a senior member of IEEE, MTT-S Adcom member, and the Chair of MTT Boston Chapter (Region-1). He may be reached at rma@merl.com or r.ma@ieee.org.