

Biography

Jae Eun Jang received a Ph.D. degree in Electrical Engineering from the University of Cambridge, U.K., in 2006. From 2007 to 2011, he was Principal Senior Researcher at Samsung Advanced Institute of Technology, Yongin, Korea. Since 2011, he has been a Professor in Information and Communication Engineering at Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu, Korea. He first demonstrated the mechanical nanoswitch and mechanical DRAM concept using vertically aligned carbon nanotubes in 2004 and 2008, respectively. More recently he was involved in nanodevices for communication purposes and biomimic sensors. He has authored or coauthored over 200 journal and conference papers, and is an inventor of 100 granted patents.