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Ji Ung Lee received his Ph.D. in Electrical Engineering from the University of Wisconsin-Madison in 1996. He is currently Professor of Nanoscale Engineering at SUNY Poly, a position he took in 2007. Previously, he was at Argonne National Laboratory from 1996-1997 as a post-doctoral scientist and at the General Electric Global Research Center from 1999-2007 as a Senior Scientist. His interest is in measuring any small. His focus is on fabricating and characterizing p-n junctions in carbon nanotubes, graphene, transition metal dichalcogenide semiconductors, and DNA. He is the inventor of the first carbon nanotube p-n diode, for which he was awarded the 2004 GE Global Research Hull Award, the highest individual honor for a young scientist, and the 2005 NASA Nanotech Briefs Nano50 Technology Award. He is the recipient of the IBM Faculty Award (2007, 2012). He holds 25 issued patents, has given over 70 invited talks in the area of carbon-based electronics, and has over 70 published articles.