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Young Kuk is a Professor of Physics and Astronomy at Seoul National University (SNU), Seoul, Korea. He received his PhD in Physics from the Pennsylvania State University in 1981. He worked at AT&T Bell Laboratory from 1981 to 1991 before he joined SNU. His research activity has been focused on experimental physics on surface and in nanometer scale. His expertise is in the area of the low dimensional systems with special interest in electronic, spin, magnetic properties in nanometer scale structures. Over his career, he has coauthored over 200 papers, 10 invited review papers or book chapters, and coedited 2 books. He has supervised 35 PhD graduates. He is a fellow in American Physical Society, Institute of Physics and Deutsche Physikalische Gesellschaft. He has served or serves as editors or editorial board members in international journals, including Nanotechnology, ACS nano, Solid State Electronics and Scientific Reports and as conference chairs of biannual STM international conference and international conference on nanoscience and technology. He served as a research vice president at Seoul National University.

