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Prof. Suk-Ho Choi

Department of Applied Physics,

Kyung Hee University, Korea



Suk-Ho Choi is a professor in the Department of Applied Physics at Kyung Hee University, where he has been on the faculty since 1991. Prior to that, he was a senior researcher at Korea Standards Research Institute. He grew up in Korea and received a B.S. from Seoul National University, an M.S. and a Ph.D. from Korea Advanced Institute of Science and Technology in 1987. He spent sabbatical years at National Institute of Standards and Technology (USA) in 1990, at Australian National Univ. in 1998-1999, and at Samsung Advanced Institute of Technology in 2005-2006. He worked as a director at Institute of Natural Sciences, Kyung Hee University from 2001 to 2011 and was appointed as Fellow Professor in 2009. Prof. Choi has been involved, over the last 3 decades, in areas of fabrication, characterization, and applications of amorphous, microcrystalline, and nanocrystalline thin films, and low-dimensional materials. In particular, he has designed, developed and constructed several kinds of chemical vapor deposition/RF sputtering systems, and photoluminescence, time-resolved photoluminescence, electroluminescence, I-V and C-V, dark-/photo-conductivity systems. He has published over 195 scientific papers in journals, which represent a wide range of research activities in such areas. In recent years, Prof. Choi has established two major areas of research, one on the optical and electrical properties of low-dimensional nanostructures such as quantum dots/nanowires/graphene-related materials, and the other on device characterization of the low-dimensional nanostructures and their applications in optoelectronic devices including LEDs, solar cells, and photodetectors.