Biography:

Nae-Eung Lee has been teaching at Department of Advanced Materials Sci. and Eng. in Sunkyunkwan University (SKKU) in Korea since 1998. Prior to joining SKKU, he held a senior process engineer position at Lam Research Corporation (USA) from 1996 to 1998. He has been also teaching and advising graduate students in interdisciplinary graduate programs operated by SAINT (SKKU Advanced Institute of Nanotechnology) and SAIHST (Samsung Advanced Institute for Health Sciences and Technology) since 2010. His current research interests include nanomaterials and devices for flexible-stretchable electronics and bioelectronics for wearable and mobile applications in smart health, preventive medicine, disease diagnostics, and prognostics. He received B.S. and M.S. degrees in materials engineering field from Seoul National University (Seoul, Korea) at 1986 and 1888, respectively, and Ph.D. degree in electronic materials field from the University of Illinois at Urbana-Champaign (Urbana, Illinois, USA) at 1996. During his research work for the Ph.D. degree, he established the mechanism for low-temperature epitaxy of Si and SiGe alloy layers using energetic particles.