

## Profile [Moderator]

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**Hoon-Kyu Shin** received his B.S., M.S. and Ph.D. degree in Electrical Engineering at Dong-A University, Busan, Korea in 1993, 1995 and 1999, respectively. He worked then as a research scientist at Electrotechnical Laboratory in AIST, Japan, from 1997 to 1999 and at CIIPMS in Dong-A University, Korea, from 1999 to 2006, and Chemistry Department at University of Houston, USA, from 2005 to 2006. In 2006, he joined the faculty as an research professor in National Institute for Nanomaterials Technology(NINT) and Adjunct Professor in Division of Advanced Materials Science, Graduate School, since 2017, Pohang University of Science and Technology(POSTECH), Korea.

He also working on vice-director of the NINT, POSTECH, since 2016, and director of the SPM standadization research center, since 2008, and director of 3D printing-printed electronics research center, snce 2015, and director of future power devices platform center, since 2016, and director of POSTECH-Fraunhofer IISB Research Center, since 2017, and expert committee member of National Science and Technology Council, since 2017, and international committee member of National Academy of Engineering of Korea, since 2017, and convenor of ISO TC 201 SC9 WG6, since 2014, and vice-director of 3D Printing Industry Association, since 2015, and deputy director of Korea Power Devices Industry Association, since 2016, and a general secretary of the Korean SPM Society, Korea, since 2008, and an associate editor of transaction on EEM, since 2010.

His current research interests are molecular electronics and organic-inorganic interface phenomena from a molecular scale, along with scanning probe microscopy, self-assembly and LB techniques, OLED, Nanomaterials.

He has written 5 book chapters, 95 journal articles and over 230 conference proceedings and presentations. He was the recipient of Contribution Award of KIEE in 2003, and Young Scientist Award of KIEEME in 2003, and Contribution Award of AHTN in 2004, and the Commendation of Governor of Gyoungbuk Province in 2014, and the Mayor Citation of Busan City in 2016, and Contribution Award of KICOX in 2016, and Best Paper Award of KOFST in 2016.