

Jo-Won Lee, Chair Professor, Department of Convergence Nanoscience, Hanyang University, Seoul, Korea

* Education

1971-1978 : B.S. in Metallurgical Eng. from Hanyang Univ.

1980-1983 : M.S. in Metals Science from Penn State Univ.

1982-1986 : Ph.D. in Metals Science from Penn State Univ.

* Professional Positions

1978-1980 : Researcher at ADD

1985-1990 : Research Associate at Carnegie Mellon Univ.

1990-1992 : Visiting Scientist at IBM T. J. Watson Research Center

1992-2000 : General Manager and Project Manager at SAIT

2000-2010 : Director at TND

2010-present: Chair Professor at Hanyang University

* Research Field and Interests

His fields of research are primarily nanoelectronics(Nano Flash Memory) with a variety of experiences such as magnetic media/head, high Tc superconducting films and devices, diamond thin films and devices.

* Professional Activities

In 2001, he was a general secretary of the governmental planning committee for the 10 years Korea Nanotechnology Initiative. This plan has been revised in 2005 under the guidance of Dr. Lee as a principle investigator. He was serving as a first vice president of Korean nanotechnology research society in charge of international affairs and a chairman of advisory committee for nanotechnology information. He is also working as a Korean-side chairman of advisory committee for Korea-US nanotechnology forum and was an NT focal point of Korea-UK focal point programs. He has been serving as an editor-in-chief of Korea Nanotechnology Annul since 2003. He has been also serving as Chair, NANO KOREA 2006, 2007, 2008 and 2009 Symposium Steering Committee. He completed national nanotechnology roadmap (Feb. 2008) and national nanotechnology standardization development roadmap (Oct. 2007) as a principle investigator. He was served as a general chair of IEEE-Nanotechnology Conference 2010. ** jowon@hanyang.ac.kr