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Prof. Won-Kyu Park

SKKU Institute of Nanotechnology,
Sungkyunkwan University
Republic of Korea



Won-Kyu Park received his B.S. and M.S. degree from Seoul National University. In 2006, he received his Ph.D. degree from Korea University on polysilicon thin-film transistor electrical contact to indium tin oxide layer. Before joining Sungkyunkwan University (SKKU) in 2020, he was V.P. & Head of Device Technology division of Korea Advanced Nano Fab Center. And he worked as a senior research staff for LG.Philips LCD Inc. (1999-2004) and LG Electronics Inc. (1986-1999), mostly to develop projection TVs, amorphous silicon TFTs, polysilicon TFTs and amorphous silicon solar cells. Now he is serving IEC, the International Electrotechnical Commission, as the Chair of Technical Committee 113, Nanotechnology for electrotechnical products and systems. He received IEC 1906 Award in 2017. His international activities have been not only participating and leading the international organization, but also research collaborations with the Institute of Crystallography in Moscow, with Columbia University, for LTPS (Low Temperature Polysilicon) technology, with Sarnoff Research Center in New Jersey, U.S.A., for HDTV projection LCD development, with Philips Research Lab. in Redhill, U.K., for the programs between LG.Philips LCD and Philips, with SEMATECH, U.S.A., and with Stanford University, for the III-V on Ge technology.