

BIOGRAPHY

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Name: Deoksin Kil

Title/ Position: Senior Fellow/Head of Structuring Material

Company: SK hynix Inc.

Dr. Deoksin Kil received his B.S. from POSTECH and earned his M.S. & Ph.D. from Seoul National University(SNU) in Material Science and Engineering(1999). He has been working at SK hynix as a senior research fellow leading structuring material group in Infra Tech Center since 2024. He has been a member of technical program committee for VLSI since 2020. And also, he worked in R&D Center in Japan from 2010 to 2012. His current major research field is to develop all the base materials which are used for semiconductor processes such as functional chemicals, CMP slurries, precursors, etch gases and wafers as well. He also has lots of experiences for capacitor dielectric materials and tools for DRAM.