



## **Dr. Youngseog Kang**

Samsung Electronics Co., Korea

---

Youngseog Kang earned a Ph.D. in Materials Science & Engineering from Seoul National University in 1997. Following graduation, he joined Samsung Electronics Co., where he began working in the field of photo lithography process in semiconductor manufacturing.

His career at Samsung Electronics has been marked by significant contributions to various lithography processes. Starting with the development of the KrF lithography process, he has also worked on processes involving ArF, ArF Immersion. In addition to these, he has been involved in the development of optical proximity correction (OPC) and photo overlay technologies.

In 2013, he was appointed as a Master (Samsung VP in Technology) and began working on the development of EUV (Extreme Ultra-Violet) lithography process. His exceptional contributions to the field were recognized in 2020 when he was promoted to Fellow (Samsung EVP in Technology).

Currently, he oversees the development of EUV lithography process in Samsung Electronics. His leadership and expertise continue to drive innovation and progress in semiconductor technology.