Professor Jinho Ahn

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Jinho Ahn is a Professor in the Division of Materials Science and Engineering at Hanyang University, Republic of Korea, where he currently serves as the Executive Vice President for Research. He received his B.S. and M.S. degrees in Metallurgical Engineering from Seoul National University, and his Ph.D. in Materials Science and Engineering from The University of Texas at Austin. Following his doctoral studies, he worked as a researcher at the Microelectronics Research Laboratories of NEC Corporation in Japan, where he was engaged in advanced lithography technologies. Since joining Hanyang University in 1995, he has been actively involved in both research and education in the field of EUV lithography, while also taking on numerous leadership roles across academia, government, and industry.

Professor Ahn has played a pivotal role in advancing national research programs and fostering industry–academia collaborations in Korea. He has served as the Director of the Nano Convergence Division at the National Research Foundation of Korea, President of the Industry–University Cooperation Foundation at Hanyang University, and President of the Korea Nanotechnology Research Society. He is currently the Director of CH3IPS Innovation Research Center, supported by the Ministry of Science and ICT of Korea.

His research focuses on EUV lithography, semiconductor patterning technologies, high-k dielectric thin films, and advanced nanofabrication. He has led several large-scale national R&D programs related to next-generation lithography technologies, including EUV lithography systems and display lithography, and has been widely recognized for his contributions to the advancement of semiconductor manufacturing technologies.

Professor Ahn has received numerous prestigious awards, including the Dongjin Award from the National Academy of Engineering of Korea in 2026, the Kang Dae-Won Award from the Korean Conference on Semiconductors in 2024, and the Presidential Award for his contribution to the semiconductor industry in 2015.

He is also an elected member of the National Academy of Engineering of Korea and has been actively involved in various national committees, including the Presidential Advisory Council on Science and Technology.