

# NVMTS 2024

October 21-23, 2024 | Paradise Hotel Busan (Haeundae Beach), Busan, Korea

## **Prof. Young Keun Kim**

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Professor Kim has been working in the Department of Materials Science and Engineering at Korea University, Seoul, Korea, since 2000. He is a Fellow of the Korean Academy of Science and Technology and a Member of the National Academy of Engineering of Korea. He is also an Honorary President of the Korean Magnetics Society. Before joining Korea University, he worked for Quantum Corporation in the USA and Samsung Electro-Mechanics in Korea. He received the B.S. (1985) and M.S. (1987) degrees in Metallurgical Engineering from Seoul National University and the Ph.D. degree (1993) in Materials Science and Engineering from MIT. Prof. Kim received the National Order of Service Merit-Green Stripes from the Korean government on June 14, 2017. He is the recipient of all three major awards of the Korea University: The Research Award in 2021 and 2022, The Technology Award in 2016, and The Teaching Award in 2005. He has published over 300 peer-reviewed journal papers and invented over 100 registered patents. Prof. Kim's research interests include novel magnetic thin films and nanostructured materials development for spintronic devices, semiconductor metallization, and sustainability applications.