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Dr. Cho is an Associate Professor in the School of Mechanical Engineering at Sungkyunkwan University (SKKU), Korea. At SKKU, he leads the Multi-Scale Heat Transfer (MHeat) Laboratory, which conducts both experimental and theoretical research in electronics cooling, semiconductor materials, and advanced packaging. His research particularly focuses on nano- and microscale heat transfer in advanced semiconductor thin films and at interfaces, utilizing state-of-the-art thermal characterization techniques such as pump-probe thermoreflectance. More recently, his group has also been developing innovative thermal metrology methods for Metrology & Inspection (MI) applications in advanced packaging.

Dr. Cho received his B.S. degree (2008) in Mechanical Engineering from Seoul National University (SNU), and his M.S. (2010) and Ph.D. (2014) degrees in Mechanical Engineering from Stanford University, where he was supported by the Samsung Scholarship. He subsequently conducted postdoctoral research in the Stanford NanoHeat group and joined the SKKU faculty in 2020 after a productive period as a faculty member at Kyung Hee University, Korea. At SKKU, he was awarded the 성공(成工) Young Fellowship (2024) from the College of Engineering. He is also the recipient of the Young Thermal Scientist Award (2025) from the Thermal Engineering Division of the Korean Society of Mechanical Engineers (KSME) and the Young Engineer Award (2018) from the Korean Society for Precision Engineering (KSPE).