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Myung-Ki Kim is a Professor at the KU-KIST Graduate School of Converging Science and Technology at Korea University. He received his B.S. degree in Physics from Korea University, Seoul, in 2004, and his Ph.D. in Physics from the Korea Advanced Institute of Science and Technology (KAIST), Daejeon, in 2009. He subsequently conducted postdoctoral research at the University of California, Berkeley (2010–2012), and at the California Institute of Technology (2012–2013), before serving as a Research Professor in the Department of Physics at KAIST (2014–2015). Since joining Korea University in 2015, he has taken on multiple academic and leadership roles, contributing to the growth of interdisciplinary photonics research.

Professor Kim is internationally recognized for his pioneering contributions to reconfigurable photonic crystals, extreme light confinement and focusing via plasmonics, and the integration of nano III-V materials with silicon photonics. His current research interests span ultrafast, compact, and energy-efficient nano/micro-scale optoelectronic devices; III-V/silicon hybrid integration for next-generation optical interconnects; chip-scale electron–photon integration; advanced biological photonic and plasmonic sensors; metamaterials and metasurfaces; and two-dimensional plasmonics enabled by novel MXene-based materials.