**Prof. Myung-Ki Kim**

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Myung-Ki Kim serves as a professor at the KU-KIST Graduate School of Converging Science and Technology at Korea University. He earned his B.S. degree in physics from Korea University, Seoul, in 2004, and his Ph.D. from the Korea Advanced Institute of Science and Technology (KAIST), Daejeon, in 2009. After this, he pursued postdoctoral research at the University of California, Berkeley (UC Berkeley) from 2010 to 2012 and at the California Institute of Technology (Caltech) from 2012 to 2013. He then served as a research professor in KAIST's Physics Department from 2014 to 2015. Since 2015, he has been affiliated with Korea University. Prof. Kim is renowned for his pioneering work in reconfigurable photonic crystals, extreme light focusing through plasmonics, and the advancement of nano III-V/silicon photonics. His current research focuses on the development of ultrafast, compact, and energy-efficient nano/micro-scale optoelectronic devices; III-V/silicon integration for optical interconnects; chip-scale electron-photon integration; innovative biological photonic/plasmonic sensors at the nano/micro scale; metamaterials/metasurfaces; and the exploration of two-dimensional plasmonics with MXene novel materials.