

The 20th U.S.–Korea Forum on Nanotechnology

Assoc. Prof. Je-Hyung Kim

Ulsan National Institute of Science and
Technology, Republic of Korea



Je-Hyung Kim received his Ph.D. in Physics from the Korea Advanced Institute of Science and Technology (KAIST), South Korea, in 2014. He then worked as a postdoctoral researcher at the University of Maryland from 2014 to 2017. Since 2017, he has been with the Department of Physics at the Ulsan National Institute of Science and Technology (UNIST), South Korea, where he is now an Associate Professor. From 2023 to 2024, he was also a visiting fellow at JILA, University of Colorado Boulder.

His research group focuses on a wide range in quantum science, spanning from fundamental studies of quantum light–matter interactions in solid-state quantum emitters to the development of advanced quantum photonic and spin resources, with applications in emerging quantum information technologies.