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Prof. Hobeom Kim

School of Materials Science and Engineering,
GIST, South Korea



Prof. Hobeom Kim is an assistant professor in the School of Materials Science and Engineering at Gwangju Institute of Science and Technology (GIST), South Korea. He received his Ph.D. in Materials Science and Engineering from Pohang University of Science and Technology (POSTECH), South Korea in 2017. Following his Ph.D., he held a postdoctoral position at Seoul National University (SNU), South Korea and École Polytechnique Fédérale de Lausanne (EPFL), Switzerland before joining GIST in October 2022. His research focuses on metal-halide perovskite materials and their applications to light-emitting diodes, solar cells, and memory devices for next-generation solid-state lighting, energy harvesting, and flexible electronics.