

Perovskite Solar Cells: From Discovery to Recent Advances

Prof. Nam Gyu Park

Biography :

Nam-Gyu Park is a Lifetime Distinguished University Professor at Sungkyunkwan University (SKKU) and Director of SKKU National Lab for Intelligent Energy Solution Technology (SIEST). He received his B.S., M.S., and Ph.D. degrees from Seoul National University. He completed postdoctoral research at ICMCB-CNRS (France) and NREL (USA). He previously led solar cell research at KIST and held senior research positions at ETRI before joining SKKU in 2009. He pioneered perovskite photovoltaics by reporting the first stable solid-state cell in 2012. He was named a Clarivate Citation Laureate in 2017 and has been continuously listed as an HCR from 2017 to 2026. His major honors include the Samsung Ho-Am Prize (2018), Rank Prize (2022), and Korea's Top Scientist Award (2024). International recognition includes the Eni Award (2024, Italy), Humboldt Research Award (2025, Germany), and NIMS Award (2025, Japan). He was recently awarded the Kyung-Ahm Prize in 2026 for his transformative contributions to perovskite photovoltaics. Prof. Park actively serves the international scientific community as Senior Editor of ACS Energy Letters.