

Wonbin Hong (Fellow, IEEE) is currently a Chaired Professor with Pohang University of Science and Technology (POSTECH), Pohang, South Korea. He is also a Co-Founder and a Co-CEO of Kreemo Inc., Pohang. He is one of the first researchers to pioneer the concept and design of millimeter-wave antennas and RF front ends for cellular antenna-in-package (AiP) in the field of consumer electronics, including mobile terminals and access points for 5G/6G and SATCOM. He is also the inventor of antenna-on-display (AoD) technology. He has authored and co-authored more than 450 peer-reviewed journals, conference papers, two book chapters, and one book. He is the inventor of more than 170 granted and 280 pending patents. He has been involved in more than 100 government and industry research projects and currently serves as a technical consultant to numerous multinational tech firms and government agencies.

His students have received multiple recognitions including the 2026 IEEE Antennas and Propagation Symposium (AP-S/URSI) Best Industry Practice Paper Award; the Student Best Paper Award in 2024 European Conference on Antennas and Propagation (EuCAP); the Best Paper Award during 2025 International Symposium on Antennas and Propagation (ISAP 2025); the First Prize Best Industry Paper and the First Prize Best Antenna Measurement Paper during 2024 International Symposium on Antennas and Propagation (ISAP 2024); the First Prize Best Student Paper Award; the Second Prize Best Paper Award during 2023 IEEE International Workshop on Antenna Technologies (iWAT); the Second Place Best Student Paper Award in the 2021 IEEE AP-S Symposium on Antennas and Propagation (AP-S/URSI); the First Place Best Student Paper Award in the 2020 IEEE AP-S Symposium on Antennas and Propagation (AP-S/URSI); the Best Student Paper Award European Conference on Antennas and Propagation 2020 (EuCAP); the First Prize Best Student Paper Award in 2018 International Symposium on Antennas and Propagation (ISAP); the 2021 IT Award to the most Outstanding Doctorate Student of POSTECH; the 2022, 2020, 2018 Outstanding Master's Student, Electrical Engineering Department of POSTECH; the Silver Prize; the Gold Prize Award in 2025; the 2023 Samsung Humantech Paper Award; and the Silver Medal in the 14th Samsung ElectroMechanics Best Paper Award 2018. Prof. Hong is a member of the Young Korea Academy of Science and Technology, and recipient of the '2025 Young Researcher Award' bestowed by the National Academy of Engineering of Korea, the two highest academies in the field of Science and Technology in the Republic of South Korea.