



## **Heewon Kang, Ph.D. (Chief Scientist)**

With over 20 years of experience in the Research and Development (R&D) of wireless communication systems at Samsung Networks, Dr. Kang brings a wealth of expertise. His contributions to wireless modem and air interface algorithm design encompass areas such as modulation, demodulation, channel coding (FEC), RACH detection, MIMO detection, link adaptation, multi-user MIMO (MU-MIMO) scheduling, and QoS scheduling. He has led teams in the development of wireless modems and air interface algorithms for technologies including GSM, WiMAX, and 5G NR. A recognized authority in wireless system design and performance analysis, Dr. Kang holds more than 100 patents.