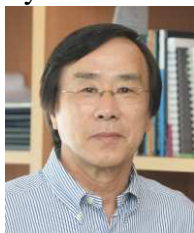


Hyeon K. Park



received B.S. degree in physics, USC (1978), and M.S. and Ph.D. degrees in electrical engineering, UCLA (1980 and 1984). His research was on pioneering plasma diagnostic development in the THz range. Then he started his career at Princeton Plasma Physics Laboratory, Princeton University, where he worked until late 2007; his final rank there was Principal Research Physicist. He worked on confinement physics and diagnostics on the TFTR device, which was the flagship device of the US fusion research. Later, he successfully developed the world's first 2D microwave imaging diagnostics, on the TEXTOR device in Germany. Since then this unique visualization diagnostic tool become standard in most of the fusion devices throughout the world. In 2007, he returned to South Korea as a professor of physics, Pohang University of Science and Technology (POSTECH),

Pohang and he established one of the fusion plasma research centers. There, he developed the most sophisticated 2D/3D microwave imaging systems for KSTAR, which has been instrumental to the KSTAR physics research. In 2013, he moved to the physics department at Ulsan National Institute of Science and Technology (UNIST), Ulsan, where he established a new fusion research center for fusion plasma stability and transport. In 2015, he has been simultaneously appointed as a director of the KSTAR research center, National Fusion Research Institute (NFRI), Daejeon. He has published approximately 300 SCI papers, including around 36 PRLs. He has delivered many plenary and invited talks at major international conferences, including those of AAPS-DPP, EPS-DPP, and APS-DPP. He has served on many international committees, including the International Fusion Research Council and the ITER Science and Technology Advisory committee, and has been a Chair and Co-Chair of the ITPA Diagnostic Division. He has also served as an editorial board member for *Plasma Physics and Controlled Fusion*, and he is a Fellow of American Physical Society.