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Yeon Ho Im is a professor in the School of Semiconductor and Chemical Engineering at the Jeonbuk National University since 2005. He earned his Ph. D. in 2001 (Jeonbuk National University, Korea) in the Department of Chemical Engineering. Previously he worked as a Post. Doc. (NY focus center, USA, 2001-2003) to develop EVOVE software, a topography simulation in the semiconductor deposition process. After then, he moved to the Memory Division at SAMSUNG as a senior engineer. After joining Jeonbuk National University, he developed a semiconductor plasma process simulator, K-SPEED, which is coupled with plasma bulk simulation and a 3D feature profile with a realistic bulk plasma and surface reaction database. His current research interests are fast and highly reliable plasma process simulation, plasma diagnostic, chemical and biological sensors.