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Young-Chang Kim is a Principal Product Engineer Modeling at Siemens EDA, Fremont in US. He has received his B.S. and M.S. in Metallurgical Engineering from Seoul National University in Korea in 1993 and 1995, respectively and Ph.D. in Electrical Engineering from Katholieke Universiteit Leuven (KUL) in Belgium in 2006. At Siemens, he is currently responsible for delivering resolution enhancement technology solutions and OPC model for advanced technology nodes. Before joining Siemens, he worked at Samsung Electronics from 1995 to 2018 and he served as a lithography process engineer and later an OPC team manager. He also joined IMEC consortium in Belgium as a Samsung assignee from 2000 to 2001.