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## **Prof. Hae June Lee**(Pusan National University, South Korea)

Professor Hae June Lee received his B.S. degree with honors from the Department of Nuclear Engineering at the Seoul National University in 1994 and received M.S. and Ph.D. degrees in physics in 1996 and 1998 from POSTECH. From January 2000 to May 2001, he worked for Prof. C. K. Birdsall in the Plasma Theory and Simulation Group at the University of California at Berkeley as a postdoctoral researcher in the development of radiation transport simulations for UV sources. During this period, he also worked with Prof. J. S. Wurtele in the department of Physics, UC Berkeley, on particle-in-cell simulations of laser-plasma interactions which was his research project at the Korea Electrotechnology Research Institute (KERI) from 2003 to 2004. Since 2004, Prof. Lee has been a faculty member in the Department of Electrical Engineering at the Pusan National University (PNU), South Korea. His research broadly addresses computer simulations of low-temperature processing plasmas for semiconductor manufacturing, Hall thrusters, laser-plasma interactions, theory and simulation of drift instabilities of shear flow, and numerical simulation of Tokamak plasmas. He has collaborated with Prof. M. J. Kushner at the University of Michigan and Prof. J. P. Verboncoeur at Michigan State University as a visiting scholar at the Michigan Institute of Plasma Science and Engineering (MIPSE) since 2012.