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Academic background:

1985, B.S. Physics, Seoul National University

1987, M.S. Physics; 1991, Ph.D. in Theoretical Condensed Matter Physics, California Institute of Technology

Professional career:

1991-1994 Research Fellow, Dept. of Physics, Ohio State University

1994-1998 Assistant Professor, Dept. of Physics, Ajou University

1998-2003 Associate Professor, Dept. of Physics, Ajou University

2003-Present Professor, Dept. of Physics, Ajou University

2006-Present Professor, Dept. of Energy Systems Research, Ajou University

2013-Present Director, BK21+ Program on Convergent Future Energy Systems
Research

2000-2001 Visiting Scholar, Dept. of Physics, Harvard University

2007-2008 Visiting Professor, Dept. of Physics, University of Virginia

2011-2012 Visiting Professor, Dept. of Physics, Seoul National University

2010-2011 Executive Editor, Journal of the Korean Physical Society

2011-Present Chairman, Committee on Publication, Korean Council of Science
Editors

2014-Present Editor-in-Chief, Science Editing

Research area:

Theoretical optics and plasma physics; Wave propagation in complex media

Recent publications:

1. B. P. Nguyen and K. Kim, "Transport and localization of waves in ladder-shaped lattices with locally PT-symmetric potentials", *Phys. Rev. A* **94**, 062122 (2016).

2. K. Kim, "Exact localization length for s-polarized electromagnetic waves incident at the critical angle on a randomly-stratified dielectric medium", *Opt. Express* **25**, 28752 (2017).

3. K. Kim, "Resonant absorption of electromagnetic waves in transition anisotropic media", *Opt. Express* **25**, 30162 (2017).

4. S. Kim and K. Kim, "Giant enhancement of reflectance due to the interplay between surface confined wave modes and nonlinear gain in dielectric media", *Opt. Express* **25**, 31816 (2017).

5. B. P. Nguyen and K. Kim, "Anderson localization and saturable nonlinearity in one-dimensional disordered lattices", *J. Mod. Opt.* **64**, 1923 (2017).