

Academic Qualifications:

- 1981-1984 Dept. of Physics, Faculty of Science and Technology, Waseda University
1985-1986 Graduate School of Information Physics, Interdisciplinary Graduate School of
Science and Technology, Tokyo Institute of Technology
1998 Doctor of Engineering (Tokyo Institute of Technology)

Work Experience

- 1987-1993 NTT Corp., NTT Opto-electronics Laboratories
Research on nonlinear optical devices, including a nonlinear etalon and a bi-stable
laser diode.
1994-1995 NTT Corp., NTT Optical Network System Laboratories
Development of 10 Gbit/s transmission systems
1996-1999 NTT Corp., NTT Photonics Laboratories
Research on optical signal processing using an arrayed-waveguide grating
2000 Lecturer, Dept. of Electronics and Electrical Engineering, Faculty of Science and
Technology, KEIO University
2001-2006 Associate Professor, KEIO University
2007- Professor, KEIO University
Research on waveguide-based photonic devices for optical communication
systems, sensing, and measuring systems
2018-2019 Visiting Professor at University College London
2019- Professor, KEIO University

Academic Leaderships:

- 2020- Present President of the Electronics Society, the Institute of Electronics, Information and
Communication Engineers, Japan
2017 General co-chair of the International Conference on Photonics in Switching 2017
2018 Subcommittee chair, D2, OFC 2019

Professional Memberships:

Senior Member, the Institute of Electronics, Information and Communication Engineers, Japan.
Member, the IEEE Photonics Society, the IEEE ComSoc, the Optical Society, the Japan Society of
Applied Physics, the Laser Society of Japan, and the Optical Society of Japan