

## Biography

**Masaharu Ohashi** received a B. E. degree in electrical engineering from Nagoya Institute of Technology in 1977, and M. E. and Dr. E. degrees in electrical communication engineering from Tohoku University in 1979 and 1987, respectively.

He joined the Ibaraki Electrical Communication Laboratory, Nippon Telegraph and Telephone Public Corporation (NTT), Ibaraki, Japan, in 1979, and engaged in research on the transmission characteristics of optical fibers, new fiber materials for low-loss fiber, optical nonlinear effects and measurement techniques. He proposed the dispersion-shifted dual shape core (DSC) fiber which has been introduced into the trunk lines in Japan. He engaged in the international standardization activity of the International Telecommunication Union Telecommunication Standardization Sector (ITU-T) concerning optical fiber cable for eighteen years from 1991. From 1997 to 2008, he served as a Rapporteur for Question 18 in Study Group 15 of ITU-T, which was responsible for the “Characteristics of optical fiber submarine cable systems”. From 2002 to 2019, he was a Professor of the Department of Electrical and Information Systems at Osaka Prefecture University. He has engaged in research on the transmission characteristics of multi-core fibers and few mode fibers, their measurement techniques, optical fiber sensors, etc. He is co-author, with S. Kawakami and K. Shiraishi, of the book, *Optical Fiber and Fiber Devices* (Baifukan, Japan, 1996, in Japanese).

He is a Fellow of the Institute of Electronic, Information, and Communication Engineers (IEICE) of Japan, a Life Senior member of the Institute of Electrical and Electronics Engineers (IEEE), and a member of Optical Society of America (OSA), and the Japan Society of Applied Physics.