

Biography

Yoshihiko Horio currently is a specially appointed professor at Advanced Comprehensive Research Organization, Teikyo University. He received the Ph.D. degree in electrical engineering from Keio University, Yokohama, Japan, in 1987. From 1987 to 2016, he was with Tokyo Denki University where he was a professor from 2000. From April 1992 to March 1994, he was a Visiting Professor at Center for Telecommunications Research, Columbia University, New York, U.S.A. From 1999 to 2002, he was a vice president of Epoch Technologies, LLC, U.S.A. He was a professor at Research Institute of Electrical Communication (RIEC), Tohoku University from April 2016 to March 2025. He was awarded the title of Professor Emeritus by Tokyo Denki University in 2020 and by Tohoku University in 2025. He served as President of NOLTA Society in the Institute of Electronics, Information and Communication Engineers (IEICE) in 2014 and 2015. He is a fellow of the IEICE. His current research interest includes neuromorphic and brainmorphic hardware systems, VLSI information processing systems based on complex physical dynamics, and high-order brain-inspired VLSI systems with consciousness, self, and embodiment.