

Biography

Prof. Tetsuya Kawanishi

Tetsuya Kawanishi received the B.E., M.E., and Ph.D. degrees in electronics from Kyoto University, Kyoto, Japan, in 1992, 1994, and 1997, respectively. From 1994 to 1995, he was with the Production Engineering Laboratory of Panasonic. During 1997, he was with the Venture Business Laboratory, Kyoto University, where he was engaged in research on electromagnetic scattering and on near-field optics. In 1998, he joined the Communications Research Laboratory, Ministry of Posts and Telecommunications (now the National Institute of Information and Communications Technology, NICT), Tokyo, Japan, where he was the Director of Lightwave Devices Laboratory of NICT. During 2004, he was a Visiting Scholar in the Department of Electrical and Computer Engineering, University of California at San Diego. From 2015, he is a professor of Faculty of Science and Technology, Waseda University, Tokyo, Japan. His current research interests include high-speed optical modulators and RF photonics.

He served on Photonics Technology Letter as an associate editor from 2008 to 2011, and on the Microwave Photonics sub-committee of the Photonics Society as a committee member. He also served as members or chairs of committees of the Optical Fiber Communication Conference (OFC), the Conference on Lasers and Electro-Optics (CLEO), Opto Electronics Communications Conference (OECC), the IEEE International Symposium on the Microwave Photonics (MWP), Asia-Pacific Microwave Photonics Conference (APMP), and Asia Communications and Photonics Conference (ACP). He was the general chair of MWP/APMP 2014 in Sapporo, Japan, and a TPC co-chair of ACP 2014. He also served for international standardization in IEEE 802 and also in non-IEEE standardization bodies, such as International Telecommunication Union (ITU), International Electrotechnical Commission (IEC) and Asia-Pacific Telecommunity (APT).

Now, he is the chair of Task Group on Fixed Wireless and Ground-Based Radar Systems (TG-FWS/GBRS) in APT Wireless Group (AWG). From 2017 to 2019, he was a member of Board of Governors of IEEE Photonics Society. He is an IEEE fellow.

2015- Waseda University, Professor

2006-2015 National Institute of Information and Communications

Technology Head of

Lightwave Devices Laboratory

2003-2004 University of California at San Diego Visiting Scholar

2002-2006 Communications Research Laboratory Senior Researcher

(from April 1, 2004 National Institute of Information and Communications
Technology)

1998-2002 Communications Research Laboratory Researcher

1997-1998 Kyoto University Researcher of Venture Business Laboratory

1994-1995 Panasonic Engineer of Production Engineering Laboratory

Ph-D 1997 Kyoto University Kyoto, Japan

Master 1994 Kyoto University Kyoto, Japan

Bachelor 1992 Kyoto University Kyoto, Japan