

Short Biography

Yoshio Karasawa received B.E. degree from Yamanashi University in 1973 and M.E. and Dr. Eng. Degrees from Kyoto University, Japan, in 1977 and 1992, respectively. He joined KDD R&D Labs. in 1977. From July 1993 to July 1997, he was a Department Head of ATR Optical and Radio Communications Res. Labs. and ATR Adaptive Communications Res. Labs. both in Kyoto. Since 1999, he has been a professor in the University of Electro-Communications (UEC), Tokyo, and acted as the first director of Advanced Wireless Communication research Center (AWCC) in UEC from 2005 to 2007. He has engaged in studies on wave propagation and antennas, particularly on theoretical analysis and measurements for wave-propagation phenomena, such as multipath fading in mobile radio systems, tropospheric and ionospheric scintillation, and rain attenuation. His recent interests are in frontier regions bridging “wave propagation” and “digital transmission characteristics” in wideband mobile radio systems such as MIMO. In the field of wireless communications, particularly of radiowave propagation, he authored/co-authored 10 text books, more than 200 journal papers, and 200 international conference papers.

Dr. Karasawa received the Young Engineer Award from IECE of Japan in 1983, the Meritorious Award on Radio from the Association of Radio Industries and Businesses (ARIB, Japan) in 1998, Research Award from ICF in 2006, two Paper Awards from IEICE in 2006, and Best Tutorial Paper Awards in 2007 and 2008 from ComSoc of IEICE. He is a fellow of the IEEE and IEICE.