

**Andrey S. Andrenko** received the M.S. and Ph.D. degrees in Radio Physics and Electronics from Kharkiv State University, Ukraine, in 1986 and 1992, respectively. He worked as a Researcher at the Institute of Radio Physics and Electronics Ukrainian Academy of Sciences from 1986 to 1993. From 1993 to 1996, he was an Assistant Professor with the University of Gaziantep, Turkey. He was a Research Fellow of JSPS with the Tokyo Institute of Technology, Japan, from 1996 to 1998. From 1998 to 2001, he was a Research Engineer with the Information Technology Research and Development Center, Mitsubishi Electric Corporation, Kamakura, Japan. From 2001 to 2014, he was the Senior Researcher with Fujitsu Laboratories Ltd., Japan, providing technical leadership in advanced antennas, RFID systems, mobile handset applications, and human BAN networks. In 2014, he joined the Sun Yat-sen University-Carnegie Mellon University Shunde International Research Institute, Shunde, China, as a Principal Investigator and a Professor. In 2017 he returned to Japan and joined eNFC Inc., a technology start-up in Tokyo, as a Principal Researcher. Since 2019 Dr. Andrenko is with EMC Laboratory at National Institute of Information and Communications Technology in Tokyo, Japan.

His research interests include computational EM methods, novel antenna design, RFID systems and applications, wireless communications and sensor networks, RF energy harvesting, and wireless power transfer.

He was the TPC Chair of IEEE Conference on RFID Technology and Applications (RFID-TA) in 2016 and Vice-Chair of IEEE RFID-TA in 2017. He served as an Associate Editor of the IEEE Journal of RFID since 2017. He is the Senior Member of IEEE. Dr. Andrenko is a member of IEC TC 106 as a Japanese National Committee member.

He received URSI Young Scientist Award in 1992 to attend URSI Int. Symposium on EM Theory in Sydney, Australia. In 2013, he received Fujitsu Presidential Award for the Leadership in UHF RFID Antenna Design and Applications and was awarded the professional title “Senior Electronics Engineer” by the Government of China in 2015. He received Best Paper Award at IEEE RFID-TA 2016 Conference.