Biography and Past Lectures
Prof. Tatsuya Yamazaki

Tatsuya Yamazaki received the B.E., M.E., and Ph.D. degrees in information engineering from Niigata University, Niigata, Japan, in 1987, 1989 and 2002, respectively. He joined Communications Research Laboratory (at present, National Institute of Information and Communications Technology) as a researcher in 1989. Since August 2013, he has been with the Faculty of Engineering, Niigata University, Niigata, where he is a Professor. Currently, he is also the director at the Big Data Activation Research Center of Niigata University. From 1992 to 1993 and 1995 to 1996 he was a visiting researcher at the National Optics Institute, Canada. From 1997 to 2001 he was a senior researcher at ATR Adaptive Communications Research Laboratories.

His research interests include multimedia data proc essing, pattern recognition, statistical image processing, sensing data analysis, and communication service quality management.

He served as general co-chair of IEEE Workshop on Knowledge Media Networking (KMN'02) and general chair of the 5th International Conference On Smart Homes and Health Telematics (ICOST 2007).

He is a member of the Institute of Electronics, Information and Communication Engineers, the Information Processing Society of Japan, the Institute of Image Information and Television Engineers, the Japanese Society for Artificial Intelligence, Human Interface Society, Japan Society for Simulation Technology, and the IEEE.

Keynote Speech

1. Tatsuya Yamazaki, "Research and Development of Pear Appearance Inspection Using Machine Learning," 2023 5th Asia Pacific Information Technology Conference (APIT 2023), Feb. 2023.

2. Tatsuya Yamazaki, "Overview of Multimedia Service Quality Studies," the 4th Asia Pacific Information Technology Conference (APIT 2022), Feb. 2022.

3. Tatsuya Yamazaki, "Camera-based Exercise Support Systems for Elderly Care," the 3rd Asia Pacific Information Technology Conference (APIT 2021), Feb. 2021.

4. Tatsuya Yamazaki, "Smart Sensing in Home and Farm Environments," IEEE Computer Science and Information Technologies (CSIT 2020) , Sep. 2020.

5. Tatsuya Yamazaki, "Visual Inspection Applications Using Machine Learning," the 2020 Asia Pacific Information Technology Conference (APIT 2020), Jan. 2020.

6. Tatsuya Yamazaki, "Ubiquitous Sensing: from Home to Farm," the 2019 Asia Pacific Information Technology Conference (APIT 2019), Jan. 2019.

7. Tatsuya Yamazaki, "ICT Support for Elderly Physical and Cognitive Care," 2018 International Symposium for Advanced Computing and Information Technology, Aug. 2018.

Invited Talk

1. Tatsuya Yamazaki, "Recent Advances of Service Quality Studies in Multimedia Communications," 2022 3rd International Symposium on Automation, Information and Computing (ISAIC 2022), ISAIC-MS-2514, Dec. 2022.

2. Tatsuya Yamazaki, "Recent Progress in Quality of Experience Studies," 2021 International Conference on Emerging Technologies for Communications (ICETC 2021), No.IB1-1, Dec. 2021.