

IEEE VTS Tokyo/Japan Chapter APWCS Young Researcher's Encouragement Award List (APWCS2022)

Winner	Title	Authors	Affiliation
Mari Miyoshi	Parameter-Learned AMP for MIMO Signal Detection	Mari Miyoshi, Wakaba Tsujimoto, Toshihiko Nishimura, Takanori Sato, Takeo Ohgane, Yasutaka Ogawa, and Junichiro Hagiwara	Hokkaido University
Sijie Xia	Capacity-Fairness Tradeoff for Optimal Power Allocation in Cluster-wise MU-MIMO System	Sijie Xia, Chang Ge, Qiang Chen, and Fumiyuki Adachi	Tohoku University
Alisa Kawade	Smartphone Screen to Camera Uplink Communication with Enhanced Physical Layer Security by Low-Luminance Space Division Multiplexing	Alisa Kawade, Wataru Chujo, and Kentaro Kobayashi	Meijo University
Ryota Kuribayashi	Performance of PSA Kalman Filters for Phase Noise Compensation in High-Order QAM OFDM Systems	Ryota Kuribayashi, Mamoru Sawahashi, and Norifumi Kamiya	Tokyo City University