

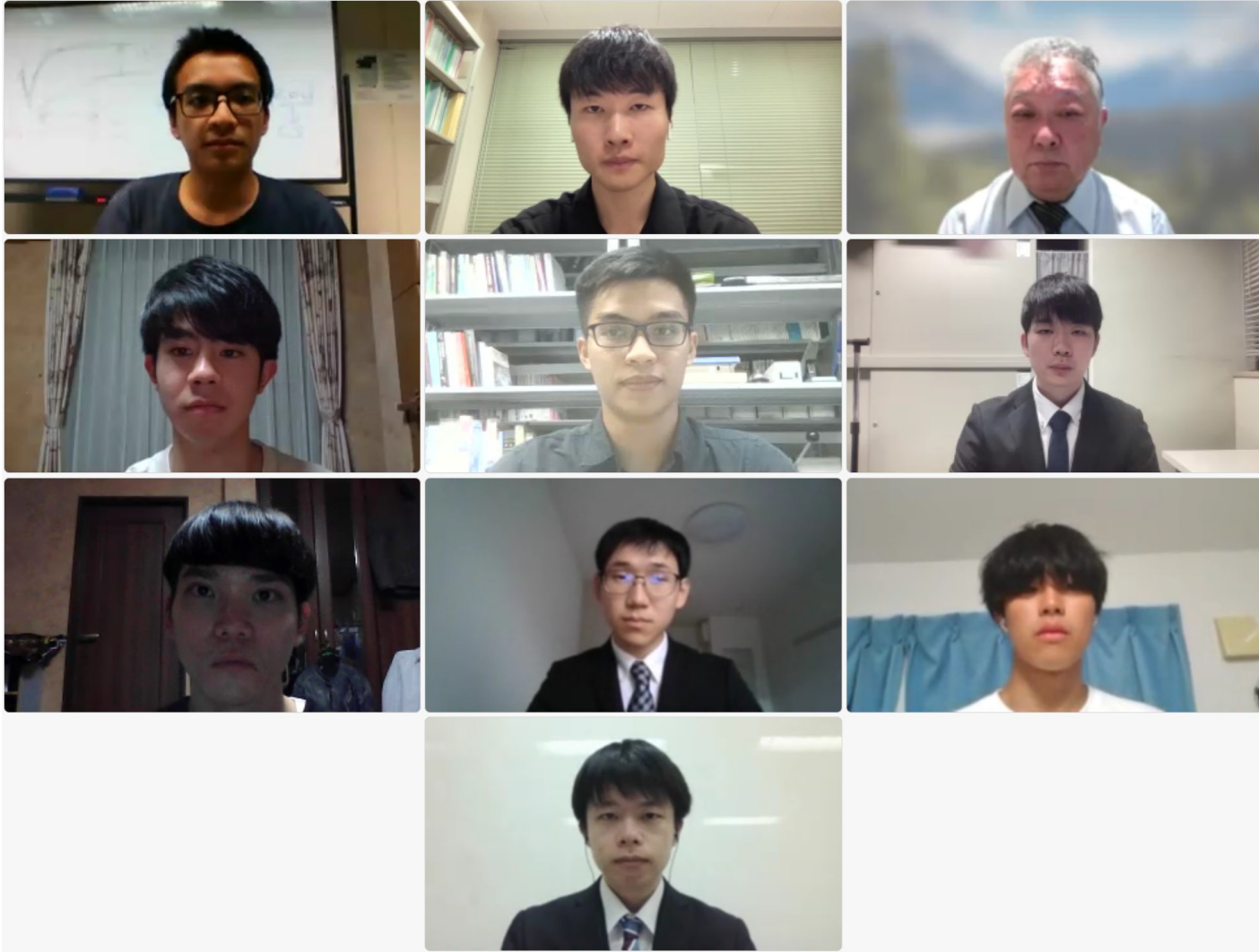
**IEEE VTS Tokyo/Japan Chapter APWCS Student Paper Award List (APWCS2023)**

Winner	Title	Authors	Affiliation
Hayate Ohtani	<b>Compensating Image Overlay QPSK Modulation by Dual Camera for Rolling Shutter-Based Screen Camera Communication</b>	Hayate Ohtani, Wataru Chujo, and Kentaro Kobayashi	Meijo University
Naoto Inagaki	<b>Impact of 3D-BF against the Number of Picocell Sector in mmWave HetNets</b>	Naoto Inagaki, Kentaro Yoda, Takumi Yasaka, Satoshi Suyama, and Hiroyuki Otsuka	Kogakuin University

### IEEE VTS Tokyo/Japan Chapter APWCS Young Researcher's Encouragement Award List (APWCS2023)

Winner	Title	Authors	Affiliation
Riku Tokumine	<b>Moving Object Detection Underside of Vehicle Using Wi-Fi CSI for Wireless Power Transfer</b>	Riku Tokumine, Masakatsu Ogawa, Atsuhiko Takahashi, Hideo Shimada, and Kentaro Mizuno	Sophia University
Shunsuke Usaka	<b>Comparison of Position Estimation Accuracy in Polar and Rectangular Coordinate Systems Using Wi-Fi CSI</b>	Shunsuke Usaka and Masakatsu Ogawa	Sophia University
Shun Yoneda	<b>Physical Cell ID Detection Probability in the Presence of CFO Including Doppler Shift for NR TN and NTN</b>	Shun Yoneda, Mamoru Sawahashi, and Satoshi Nagata	Tokyo City University
Takashi Ohiwa	<b>BLER Performance of Carrier Frequency Offset Compensation and Channel Estimation Methods Using Synchronization Signals for NR PBCH</b>	Takashi Ohiwa, Shun Yoneda, Mamoru Sawahashi, and Satoshi Nagata	Tokyo City University
Nguyen Trong Cuong	<b>Performance of IR-HARQ-based RC-LDPC Code Extension in Optical Satellite Systems</b>	Cuong T. Nguyen, Hoang D. Le, and Anh T. Pham	The University of Aizu

Winner	Title	Authors	Affiliation
Hoang Tuan Linh	<b>Learning-based Dynamic 3D Placement of Multiple Aerial Base Stations with Heterogeneous Traffic</b>	Linh T. Hoang, Chuyen T. Nguyen, Hoang D. Le, and Anh T. Pham	The University of Aizu
Mitsuto Sato	<b>Investigation on Offset Optimization for Cell Range Expansion Using Neural Networks in Conjunction with Convex Optimization</b>	Mitsuto Sato, Yuki Kusaka, and Nobuhiko Miki	Kagawa University
Yuya Miki	<b>A study on data signal detection and demodulation based on object detection DNN for image sensor-based visible light communication</b>	Yuya Miki, Kentaro Kobayashi, and Wataru Chujo	Meijo University
Tomoki Okaya	<b>A study on indoor positioning of an open-source drone using AR markers</b>	Tomoki Okaya, Kentaro Kobayashi, and Wataru Chujo	Meijo University
Yuichiro Sugiyama	<b>A study on indoor drone positioning using Wi-Fi RTT ranging</b>	Yuichiro Sugiyama, Kentaro Kobayashi, and Wataru Chujo	Meijo University
Takumi Tanagi	<b>Dynamic Path Planning for QoS Improvement in Multiple Automated Guided Vehicles</b>	Takumi Tanagi, Koichi Adachi	The University of Electro-Communications



三瓶 Chair と受賞者の皆様



関係者も含めた参加者の皆様