

Midland Student Express 2017 Spring

Time schedule

TIME	NUM.	TITLE	PRESENTER
10:00 - 10:05		Opening address	Yoshihiko Kuwahara Shizuoka Univ.
Session 1		Chair: Taiga Suzuki (Shizuoka Univ.) Co-chair: Motoki Bessho (Nagoya Inst. of Tech.)	
10:05 - 10:20	S1-1	Study on Traveling-wave Array Design of Series-feeding Microstrip Patch Array Antenna	Kengo Ichihashi Nagoya Inst. of Tech.
10:20 - 10:35	S1-2	Study on Size-reduction of Feed-circuit for Partially-parallel Feeding Slotted Waveguide Array Antenna	Haruki Umemura Nagoya Inst. of Tech.
10:35 - 10:50	S1-3	Study on Beam-scanning Performance of Two-dimensional Waveguide Rotman-lens Phase-shifter	Takuya Noguchi Nagoya Inst. of Tech.
10:50 - 11:05	S1-4	Study on Performance Improvement of MIMO Radar Using Composite Transimission Diversity Techniques	Sota Iwase Nagoya Inst. of Tech.
11:05 - 11:20	S1-5	Study on Distance Estimation between Base Station and Moving Terminal Using Multi-Carrier Singal	Masaya Yamada Nagoya Inst. of Tech.
11:20 - 11:35	S1-6	Study on BER Performance of Muti-user MIMO Using Block Maximum SNR	Kosuke Yonezu Nagoya Inst. of Tech.
11:35 - 12:35		Lunchi (60 minutes)	
Session 2		Chair: Kengo Ichihashi (Nagoya Inst. of Tech.) Co-chair: Takuya Nishio (Kanazawa Inst. of Tech.)	
12:35 - 12:50	S2-1	Measurement of power-line impedance in large scale building and evaluation of effects on narrow-band power-line communication	Kenya Ikeda Nagoya Univ.
12:50 - 13:05	S2-2	Loss Analysis of Current Doubler Rectifier in consideration of the Effect of Current Ripple	Daiki Yaginuma Toyohashi Univ. of Tech.
13:05 - 13:20	S2-3	Power Combining by Parallel Connection of Class E Inverter	Takaaki Masaki Toyohashi Univ. of Tech.
13:20 - 13:35	S2-4	Dual-band magnetic coupler for underwater wireless power and data transfer	Takuma Nakata Toyohashi Univ. of Tech.
13:35 - 13:50	S2-5	Quadruple-mode cavity resonator aimed at compactness and high Q factor	Takuma Nagao Toyohashi Univ. of Tech.
13:50 - 14:05	S2-6	Wireless Power and Information Transfer Utilizing Frequency Selected Surfaces	Daigo Furusu Toyohashi Univ. of Tech.
14:05 - 14:15		Break (10 minutes)	
Session 3		Chair: Kenya Ikeda (Nagoya Univ.) Co-chair: Sota Iwase (Nagoya Inst. of Tech.)	
14:15 - 14:30	S3-1	A high impedance folded dipole antenna with three conductors for energy harvesting applications	Takuya Nishio Kanazawa Inst. of Tech.
14:30 - 14:45	S3-2	Design and Analysis of NbN-based Microwave Kinetic Inductance Detectors	Shun Negishi Toyohashi Univ. of Tech.
14:45 - 15:00	S3-3	Development of Microwave Kinetic Inductance Detectors using NbTiN thin films	Satoru Hashimoto Toyohashi Univ. of Tech.
15:00 - 15:15	S3-4	Study on clutter suppression on ground penetration radar	Taiga Suzuki Shizuoka Univ.
15:15 - 15:30	S3-5	Study on microwave mammography	Toshihiro Kamiya Shizuoka Univ.
15:30 - 15:45	S3-6	Detection of charging on the electric wire by CW radar	Daiki Matsumoto Shizuoka Univ.
15:45 - 15:55		Break (10 minutes)	
Session 4		Chair: Daiki Yaginuma (Toyohashi Univ. of Tech.) Co-chair: Shun Negishi (Toyohashi Univ. of Tech.)	
15:55 - 16:10	S4-1	Study on DOA Estimation Based on Sparse Reconstruction Using One-dimensional Search Algorithm	Toshiya Nasu Nagoya Inst. of Tech.
16:10 - 16:25	S4-2	Study on 2-dimensional Radio Source Estimation Using Radio Holography	Yoshiyuki Sugiura Nagoya Inst. of Tech.
16:25 - 16:40	S4-3	Study on DOA Estimation of Desired Signals Using Radio Holography and Signal Cyclostationarity	Yuto Nakajima Nagoya Inst. of Tech.
16:40 - 16:55	S4-4	Experimental demonstration of conversion from periodic static fields to terahertz waves	Motoki Bessho Nagoya Inst. of Tech.
16:55 - 17:10	S4-5	High sensitive measurement method of dielectric constant using a capacitive metal meshes at millimeter wavelengths	Taichi Tsunekawa Nagoya Inst. of Tech.
17:10 - 17:25	S4-6	Theoretical investigation on moth-eye structures optimized for antireflection of terahertz waves	Naoki Horita Nagoya Inst. of Tech.
17:25 - 17:30		Closing address	Kenji Itoh Kanazawa Inst. of Tech.
17:40 -		Banquet	