

Poster Session (Royal Blue Hall 12:20-13:40)

- P-1. Hideya So, Kazuhiko Fukawa, Satoshi Suyama, and Hiroshi Suzuki (Tokyo Institute of Technology): "Channel Estimation for MIMO-OFDM Systems Employing Minimum BER-Based Precoding under Co-Channel Interference"
- P-2. Shusaku Umeda, Satoshi Suyama, Hiroshi Suzuki, and Kazuhiko Fukawa (Tokyo Institute of Technology): "Low-Complexity PAPR Reduction Method for Block Diagonalization in Multiuser MIMO-OFDM"
- P-3. Jun Shikida, Satoshi Suyama, Hiroshi Suzuki, and Kazuhiko Fukawa (Tokyo Institute of Technology): "Iterative Receiver Employing Multiuser Detection and Soft Decision-Directed Channel Estimation for MIMO-OFDM IDMA"
- P-4. Liming Zheng, Kazuhiko Fukawa, Hiroshi Suzuki, and Satoshi Suyama (Tokyo Institute of Technology): "Low-Complexity Soft Detector in Coded MIMO-OFDM Communication"
- P-5. Hiroki Ishibashi, Hiroshi Suzuki, Kazuhiko Fukawa, and Satoshi Suyama (Tokyo Institute of Technology): "Application of Real Zero Concept to Coherent Detector for Quadrature Amplitude Modulation Systems"
- P-6. Toshihiko Ito, Masaki Kanemaru, Satoshi Furuya, Dong Ta Ngoc Huy, Kenichi Okada, Akira Matsuzawa (Tokyo Institute of Technology): "A 0.8-1.5 GHz Multi-Standard WCDMA Receiver with an Inter-Stage Tunable Notch Filter"
- P-7. Toshiaki Yamagishi, Kenichi Matsunaga, Masaya Miyahara, Akira Matsuzawa (Tokyo Institute of Technology): "An Ultra-Low Power Wireless Communication Circuit for Medical Telemetry Applications"
- P-8. Jingjing Xia and Choi Look Law (Nanyang Technological University): "A highly efficient UWB real time localization system for longer ranges"
- P-9. Fei Li, Vu Minh Khoa, Masaya Miyahara, and Akira Matsuzawa (Tokyo Institute of Technology): "Qpix v.1: A high speed 400-pixels readout LSI with 10-bit 10MSps pixel ADCs"
- P-10. Hong Phuc Ninh, Ngoc Huy Dong TA, Masaya Miyahara and Akira Matsuzawa (Tokyo Institute of Technology): "Designing of a 10MHz BW 77dB SNDR 8.1mW Continuous-Time Delta-Sigma Modulator With a Proposed Low Power, Rail-to-Rail Output Swing OPAMP"
- P-11. James Lin, Kei Yoshihara, Masaya Miyahara, and Akira Matsuzawa (Tokyo Institute of Technology): "A 0.5 V, 1.2 mW, 160 fJ, 600 MS/s 5 bit Flash ADC"
- P-12. Hyunui Lee, Yusuke Asada, Kei Yoshihara, Tatsuya Urano, Masaya Miyahara, and Akira Matsuzawa (Tokyo Institute of Technology): "A 6bit, 7mW, 250fJ, 700MS/s Subranging ADC"
- P-13. Daehwa Paik, Masaya Miyahara, and Akira Matsuzawa (Tokyo Institute of Technology): "An 8-bit 600-MSps Analog-to-Digital Converter for FWA"
- P-14. Jeonghoon Han, Masaya Miyahara, and Akira Matsuzawa (Tokyo Institute of Technology): "An Injection-locked Ring Oscillator for an ADC and a DAC embedded in a 38GHz-band FWA System"
- P-15. Wei Deng, Kenichi Okada, and Akira Matsuzawa (Tokyo Institute of Technology): "Phase noise scaling of LC voltage-controlled oscillator for future 0.5-V sub-picosecond-jitter clock generation"
- P-16. Chin-Yu Lin, Chun-Yu Chiang, and Tai-Cheng Lee (National Taiwan University): "An Offset Phase-Locked Loop Spread Spectrum Clock Generator"
- P-17. Ahmed Musa, Win Chaivipas, Takahiro Sato, Rui Murakami, Kenichi Okada, and Akira Matsuzawa (Tokyo Institute of Technology): "A Low Phase Noise 20GHz PLL for a 60GHz Direct Conversion Transceiver in 65nm CMOS"
- P-18. Kun-Hung Tsai, and Shen-Iuan Liu (National Taiwan University): "A 43.7mW 96GHz PLL in 65nm CMOS"
- P-19. Kota Matsushita, Ning Li, Kenichi Okada, and Akira Matsuzawa (Tokyo Institute of Technology): "CMOS Device Modeling for Millimeter-Wave Power Amplifiers"
- P-20. Qing-Hong Bu, Ning Li, Naoki Takayama, Kenichi Okada and Akira Matsuz (Tokyo Institute of Technology): "Multi-Line De-Embedding Method for Millimeter-Wave Circuit Design"
- P-21. Yuya Ono, Takuichi Hirano, Kenichi Okada, Jiro Hirokawa, Makoto Ando (Tokyo Institute of Technology): "Eigenmode Analysis of Propagation Constant for a Transmission Line with Dummy Metals on a Si CMOS Substrate"
- P-22. Yuanfeng She, Jiro Hirokawa, Makoto Ando (Tokyo Institute of Technology): "Loss factors in

parallel-plate slot-array antennas in the millimeter-wave bands”

- P-23. Tomoya Suzuki, Jiro Hirokawa, Yasutake Hirachi and Makoto Ando (Tokyo Institute of Technology): “Size Reduction of the Waveguide Feed Circuit for a Millimeter-Wave Dipole Antenna on a Thick Resin Layer on the Back Side of a Silicon Chip at 60GHz”
- P-24. KimHuey Koh, Takuichi Hirano, Jiro Hirokawa, Makoto Ando (Tokyo Institute of Technology): “Design of Circularly Polarized Patch Antennas with Coaxial Feed through a Silicon Chip”
- P-25. Bing Zhang and Yue Ping Zhang (Nanyang Technological University): “60 GHz Circularly-Polarized Integrated Grid Array Antenna”
- P-26. Yohei Miura⁽¹⁾ ⁽²⁾, Jiro Hirokawa⁽¹⁾, Makoto Ando⁽¹⁾, Kazufumi Igarashi⁽²⁾, and Goro Yoshida⁽²⁾ ⁽¹⁾Tokyo Institute of Technology, ⁽²⁾Japan Radio Co., Ltd.): “Double layer corporate-feed plate-laminated waveguide slot array antenna in the 60 GHz-band”
- P-27. Takashi Tomura, Yohei Miura, Miao Zhang, Jiro Hirokawa, Makoto Ando (Tokyo Institute of Technology): “Design of a 45-degree Linearly-polarized Plate-laminating Waveguide Slot Array Antenna with a Full-corporate-feed Circuit in the Lower Layer”
- P-28. Cheng. Jin, Arokiaswami Alphones, and Ling Chuen Ong (Nanyang Technological University): “Continuous beam-scanning composite right/left handed substrate integrated waveguide leaky-wave antenna”
- P-29. Ken Saeki, Hideki Ueda, Jiro Hirokawa, Makoto Ando (Tokyo Institute of Technology): “Design of a linearly-polarized radial line slot antenna with reflection-cancelling posts”
- P-30. Hideki Ueda, Jiro Hirokawa, Makoto Ando, *Shuichi Koreeda and *Osamu Amano (Tokyo Institute of Technology, *NEC/Toshiba Space Systems, Ltd.): “Dual Circularly Polarized Radial Line Slot Antenna Fed from Front and Back Sides for On-Board Application”
- P-31. Wang Lu (Nanyang Technological University): “Generic Function Predicting the Out of Band Frequency of Blade Antennas”
- P-32. Yun Tao and Zhongxiang Shen (Nanyang Technological University): “Synthesis of Short-Circuited Waveguide Orthomode Transducers”
- P-33. Teppei Tanabe, Miao Zhang, Jiro Hirokawa and Makoto Ando (Tokyo Institute of Technology): “Pattern Synthesis of a Waveguide Slot Array Antenna for a Fixed Wireless Access System”
- P-34. Sha Luo, Lei Zhu, and Sheng Sun (Nanyang Technological University): “A dual-mode dual-band bandpass filter using a single ring resonator”