

1st day AM1

Title

10:00 10:20

10:20 10:40 1A1 Evaluation on performances of wristband type RFID antenna

10:40 11:00 1A2 Bandwidth Enhancements for the Slot Antenna

11:00 11:20 1A3 Impedance-Bandwidth Improvement of MSA by Incorporating Matching Stubs

11:20 11:40 1A4 A Double-Sided Printed Double-T-Shaped Antenna for UWB Communications

5 11:40 12:00 1A5 A study on miniaturization of 2GHz band antenna for handset utilizing magnetic materials by topology optimization

1st day PM1

13:20 13:40 1B1 Low Power Transmission and Receiving System using an One-chip Microcomputer for Short Range Communication

13:40 14:00 1B2 Study on a Modified U-Slot Patch Antenna for Multi-Band Operation and Antenna Efficiency Improvement

14:00 14:20 1B3 Adaptive Impedance Matching System using FPGA Processor of Efficient Control Algorithm

4 14:20 14:40 1B4 Perforated Dielectric Resonator Antenna

14:40 15:00 1C1 printed monopole antenna for WIMAX application

15:00 15:20 1C2 Effects of DNG Material on Characteristics of Dipole Antenna

15:20 15:40 1C3 Printed PIFA EM Compatible with Nearby Conducting Elements

4 15:40 16:00 1C4 Analysis and Measurement of Electric Fields Irradiated from a RJ45 Connector for Ethernet Transmission

2nd day AM1

09:00 09:20 2A1 MUSIC-Based DOA Estimation by Using Universal Steering Vector

09:20 09:40 2A2 A method for real-time active imaging using broadband ACP response

09:40 10:00 2A3 Approximation of Largest Eigenvalue Distribution of Noncentral Wishart Matrices for Analysis of MIMO Rician Channels

4 10:00 10:20 2A4 Channel Capacity Improvement of Indoor MIMO System by Using Directional Antennas

10:40 11:00 2B1 Fading characteristics for fixed terminal in indoor environment

11:00 11:20 2B2 Proposal of fading model for fixed terminal in indoor environment

11:20 11:40 2B3 A Statistical Model with Bandwidth Dependency for Wideband Radio Channels

4 11:40 12:00 2B4 Estimation of fading characteristics based on received signals at multiple different locations

2nd day PM1

13:20 13:40 2C1 Feed circuit for quasi TEM wave excitation in oversized dielectric-coated rectangular waveguide

13:40 14:00 2C2 Phase perturbation control of periodic structure in left-handed waveguide slot array antenna

14:00 14:20 2C3 New boundary treatments for reducing undesired reflection from matched DNG slab in RC-FDTD method

4 14:20 14:40 2C4 Study of Return Loss for a Test Board with Bonding Wires by FDTD Method

15:00 15:20 2D1 SAR distributions in abdomen of a pregnant woman during MR imaging

15:20 15:40 2D2 A Study of Radar Cross Section of Geometrically Complicated Objects using NEC-BSC Code

15:40 16:00 2D3 Near-Field to Far-Field Transformation for an Outdoor RCS Range

16:00 16:20 2D4 Application of the Locality Principle in the Method of Moments for Induced Currents or Fields in Electrically Large Scattering Problems

5 16:20 16:40 2D5 Novel Interpretation of the Radiation Pattern of the Parabolic Reflector Antenna by the Modified Edge Representation Line Integrals and Equivalence with the Physical Optics