

Microwave and Radio Frequency

PRESENTATION/ SESSION 1

May 13, 2015, Wednesday

11:00 AM-1:00 PM

Track 2

E3-06-11

Lin Fenghan

A Metamaterial-Based Broadband Circularly Polarized Aperture-Fed Grid-Slotted Patch Antenna

Goh Chean Khan

A UHF Near-field and Far-field RFID Metamaterial-inspired Loop Antenna

Srien Sithara Syed Nasser

Analysis on Axial Ratio Beam Width of Circularly Polarized Antennas

Tianwei Deng

Design Broadband and Ultrathin Metamaterial Absorbers from S Band to Ku Band

Amin Kianinejad

Compact Mode Converter Design for Symmetric Slow-Wave Transmission Line

PRESENTATION/SESSION 2

May 13, 2015, Wednesday

02:00-04:00 PM

Track 2

E3-06-11

Mahdy Rahman Chowdhury

Bound Surface Force Induced Pulling of Multiple Rayleigh Particles outside the Waveguides and Couplers

Gu Yinghong

Color Display by Silicon Fin Nanostructures

Ashraf Abdulrahman Adam Salih

Technique for Wideband Array Excitation Based on Characteristic Mode Analysis

Siegfred Balon

System Model for InnovSAR - a 35 GHz Airborne FMCW Synthetic Aperture Radar

Bao Zengdi

Design of a Miniaturized Flexible Implantable Antenna with Negligible Thickness

Microwave and Radio Frequency

PRESENTATION/ SESSION 3

May 14, 2015, Thursday

11:00 AM-1:00 PM

Track 2

E3-06-11

Lei Wen

Miniaturized Differentially-fed Dual-band Implantable Antenna: Design, Realization, In Vitro and In Vivo Test

Wei Zhun

Numerical Study of Resolution in Near Field Microscopy for Dielectric Samples

Kush Agarwal

Efficient Wireless Power Link Design for Neural Implants in Non-Human Primates

Yong Zhihua

Emerging Giant Resonant Exciton upon Ta-substitution in AnataseTi_{1-x}TaxO₂ Films

POSTER/SESSION 2

May 14, 2015, Thursday

LT2 Area

10:00-11:00 AM

Song Jian

Investigation of MIL-STD-461F CS101 Test Using FFT Enabled Oscilloscope

Wei Zhun

Analysis of Tip-Sample Interaction in Microwave Impedance Microscopy by Lumped Element Model

Lin Fenghan

Microstrip to Bilateral Slotline Transition with Extremely Wide Bandwidth

Ashraf Abdulrahman Adam Salih

Analysis of Radiation Efficiency of Closely Spaced Dipole Elements Using the Theory of Characteristic Modes

Gu Yinghong

Double-merging of Magnetic and Electric Dipole Resonances for All-dielectric Antenna Array

Lei Wen

A Circular Polarized Ground Radiation Antenna for Biomedical Applications