

Texas Symposium on Microwave and Wireless Circuits and Systems
Winners of the Student Poster Awards

2011

First Place

Short Flow BEOL CMOs Process for mm-wave Passive Circuits
Daniel Schlieter
University of Texas at Dallas

2012

First Place (tie)

Microwave Applications of ϵ -Near-Zero Metamaterials
Jason C. Soric
University of Texas at Austin

First Place (tie)

Realizing Efficient Wireless Power Transfer in the Near-Field Region Using Electrically Small Antennas
Ick-Jae Yoon
University of Texas at Austin

Second Place

Design of Tunable Metamaterial Based On-Chip Spiral Inductor
Bayaner Arigong
University of North Texas

2013

First Place

Transparent and Conformal Microstrip Antennas for CubeSat Applications
Nicole Neveu, Mauricio Garcia, Richie Dettloff and Joseph Casana
University of Houston

Second Place

Waveform and Load Impedance Optimization for Adaptive Radar

Matthew Fellows and Lauren Hurley

Baylor University

Third Place (tie)

System-in-Package Integration using FR-4 Laminates

Supreetha Aroor

University of Texas at Dallas

Third Place (tie)

Broadband Radiator for Antenna-in-Package and Antenna-on-Chip Applications

Richard Pierce

University of Texas at Dallas

2014

First Place

Magnet-less Non-Reciprocity Through Angular-Momentum Biasing

Nicholas Estep

University of Texas at Austin

Second Place

Alleviating Airport Wi-Fi Congestion: A Comparison of 2.8 GHz and 5 GHz Wi-Fi Usage and Capabilities

Zachary Hays and Grant Richter

Baylor University

Third Place

Design of 180° Directional Coupler with Arbitrary Branch Lengths

Bayaner Arigong, Jin Shao, Mi Zhou, Jun Ding, and Han Ren

University of North Texas

2015

First Place

Electrokinetic Actuation of Non-Toxic Liquid Metal for Reconfigurable RF Devices

Ryan Gough, Jonathan Dang, and Andy Morishita

University of Hawaii at Manoa

Second Place

An Investigation of Dual-band Fabry-Pérot Resonant Cavity Antennas

Krishna Kota

University of Houston

Third Place

Investigation of 433 MHz and 915 MHz On-Body Wave Propagations

Dong Xue

Baylor University