

Antenna Measurement Techniques Association Regional Meeting

Hardware-in-the-Loop

Huntsville, AL

May 18, 2017

The Antenna Measurement Techniques Association (AMTA) held its regional mini-symposium at the CTC exhibition center on the UAH campus, May 18, 2017. The theme of this event was *Hardware-in-the-Loop*; and we had an excellent program with 8 speakers. This regional event had over 40 attendees and 15 exhibitors. The attendees were active and there were many excellent questions and discussions. The speakers and topics included:

- Dr. Chi-Chih Chen, OSU
Title: Developments of mm-Wave Automobile Pre-Collision System (PCS) Radar Testing Surrogates and Procedures
- Mr. David Wayne, NSI-MI Technologies
Title: The 7 Common Habits of Highly Effective RF Target Simulators
- Dr CJ Reddy, Altair
Title: Electromagnetic Simulation Tools for Advanced Driver Assistance Systems
- Mr. Per Iversen, MVG
Title: 5G Wireless and Automotive Technology – Driving the Need for Hardware-in-the-Loop Antenna Testing
- Dr. Jerry Jost, Star Dynamics
Title: Multi-Object RCS/Trajectory Simulation Data Infused into Real-Time TSPI Radar Processor
- Dr. Aubrey Beal, Redstone Arsenal (NJ Corron & JN Blakely)
Title: Naturally Compressive Noise Radar Using Chaos
- Dr. Martin Heimbeck, Redstone Arsenal
Title: Extremely High Frequency Technologies for Imaging Radar & High-Bandwidth Datalinks
- Dr. Ryan Westafer, GTRI
Title: Adaptive electromagnetics – Closed-Loop Demonstrations of Reconfigurable Antennas

On Friday, May 19: 15 of the attendees participated in a technical tour of the Redstone Arsenal.



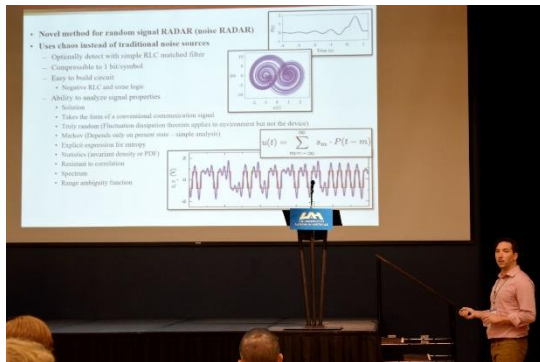
Attendees Listening to Dr Maria Pour – our local liaison from UAH



Dr Ryan Westafer, Mr. David Wayne, Dr Jerry Jost, Mr Per Iversen, and Dr CJ Reddy



Dr Chi-Chi Chen



Dr Aubrey Beal



Dr Martin Heimbeck



President of AMTA, Dave Pinnell, and the Organizing Committee: Donnie Gray, Maria Pour, Michelle Taylor, Steve Nichols, & John Estrada



Time for the Reception