



### **Symposium Presentation Schedule**

Friday 1:15-1:30      Carl Wick, N3MIM, presented by Burns Fisher W2BFJ  
A Whole Orbit Data (WOD) Simulation based on Satellite Orbit Prediction Software

Friday 1:30-1:45      Burns Fisher, W2BFJ  
Fox-1E (RadFxSat-2) Telemetry

Friday 1:45-2:15      Corey Shields, KB9JHU  
Introduction to SatNOGS

Friday 2:15-2:45      Ray Roberge WA1CYB  
Frequency Calibration for SDRs - Without GPS

Friday 2:45-3:15      Alma Ripley  
Albuquerque Public Schools STEM Trajectory Initiative CubeSAT Project

Friday 3:15-3:45      Bob McGwier N4HY  
Virginia Tech activities during the solar eclipse including the software  
defined radio work

Friday 3:45-4:15 Bob McGwier, N4HY

Phase 4B update, including the status of the ride.

Friday 4:15-4:45 Ray Roberge WA1CYB, Howie DeFelice, AB2S, Michelle Thompson, W5NYV

ASCENT Ground and Satellite Demonstration

Friday 4:45-5:00 Ed Friesema, UNLV

TweetSat : Civilian Communications in a Crisis

Saturday 8:15-8:45 Burns Fisher, W2BFJ

Techniques for Interpreting Fox-1 MEMS Gyro Readings Or Experimenting with an Experiment

Saturday 8:45-9:15 William Ripley, KY5Q, and Patrick Collier, NAVAIR

Evolution of the VITA 74 Standard (VNX) for "SpaceVNX" CubeSAT Applications

Saturday 9:15-9:45 Joe Spier, K6WAO

AMSAT NxtGen Crystal Radio

Saturday 9:45-10:15 Zach Metzinger, N0ZGO, Jonathan Brandenburg, KF5IDY, Bill Reed, NX5R, Jordan Trewitt, KF5COQ, Jesse Marroquin, K5JXM

A Fault-Tolerant Redundant IHU with Frequency Agile Digital Command Transceiver

Saturday 10:15-10:45 David Bowman, GOMRF

An Update on Past and Future Projects from AMSAT-UK

Saturday 10:45-11:15 L. M. Almazan, WA6LOS, A. I. Parungao, DV3UZT, J. P. de Guzman, DW3CQK,

L. P. Paz, DW3CQF, R. P. Gopez, DW3CQC, K. S. Gueco, DW3CQI, R. J. Sarmiento, DW3CQB, R. M. Pascual, DW3CQJ, J. A. Arciga, Cali Smile, J. Y. Castaneda, H. P. Yalung

Amateur and Weather Satellite Ground Station Development Activities at Holy Angel University

Saturday 11:15-12:00 Steve Conklin, AI4QR

Platforms As A Service: Building and deploying applications in "The Cloud"

Saturday 13:00-13:30 Clayton Coleman W5PFG

What is the best rig for satellites?

Saturday 13:30-14:00 Frank Bauer, KA3HDO, Lou McFadin, W5DID, and Dave Taylor, W8AAS

ARISS 2017 Progress Report

Saturday 14:00-14:15 Frank Bauer, KA3HDO

ARISS Q and A

Saturday 14:15-14:45 Jerry Buxton, NOJY

AMSAT-NA Engineering Progress Report

Saturday 14:45-15:00 Jerry Buxton, NOJY

AMSAT-NA Engineering Q and A

Saturday 15:00-15:15 AMSAT-NA Executive Officers

AMSAT-NA Executive Officers Q and A

