

2017 35th Annual AMSAT Space Symposium Proceedings Titles

Ascent Ground and Satellite Demonstration

Ray Roberge WA1CYB, Howie DeFelice, AB2S, Michelle Thompson, W5NYV

Frequency Calibration for SDRs - Without GPS

Ray Roberge WA1CYB

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

Zach Metzinger, N0ZGO, Jonathan Brandenburg, KF5IDY, Bill Reed, NX5R, Jordan Trewitt, KF5COQ, Jesse Marroquin, K5JXM

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

William Ripley, KY5Q, and Patrick Collier, NAVAIR

Fox-1E (RadFxSat-2) Telemetry

Burns Fisher, W2BFJ

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

Burns Fisher, W2BFJ

Optimally Calculating and Plotting Satellite Subpoints for AO-85 (Fox-1A) CPU Resets

Douglas Quagliana KA2UPW/5

A Whole Orbit Data (WOD) Simulation based on Satellite Orbit Prediction Software

Carl Wick, N3MIM, presented by Burns Fisher W2BFJ

An Update on Past and Future Projects from AMSAT-UK

David Bowman, G0MRF

Introduction to SatNOGS

Corey Shields, KB9JHU

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

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

Albuquerque Public Schools STEM Trajectory Initiative CubeSAT Project

Alma Ripley

AMSAT NxtGen Crystal Radio

Joe Spier, K6WAO