

# AMSAT-NA's 36th Annual Space Symposium Presentations

## Final Schedule

### Friday, November 2, 2018

13:15 – 13:35	1	Dave Taylor W8AAS	<i>ARISS Status Update</i>
13:40 – 14:00	2	Lou McFadin W5DID Ken Ernandes N2WWD	<i>ARISS InterOperable Radio System (IORS)</i>
14:05 – 14:25	3	Bob Davis, KF4KSS	<i>Multi-Voltage Power Supply Mechanical Design</i>
14:30 – 14:50	4	Ed Krome K9EK	<i>ARISS Interoperable Radio System Multi-Voltage Power Supply – Thermal and Noise</i>
14:55 – 15:15	5	Paul Stoetzer N8HM	<i>Digital Voice on Amateur Satellites - Experiences with LilacSat-OSCAR 90</i>
15:20 – 15:40	6	Jonathan Brandenburg KF5IDY	<i>A Flexible, Affordable, Powerful Digital Transceiver for the Raspberry Pi</i>
15:50 – 16:10		Brennan Price N4QX	<i>Doppler Correction and Tracking in Commercial NGSO Networks</i>
16:15 – 16:35		John Hemming GØUYT	<i>Experimental Satellite Antenna by GØUYT</i>
16:40 – 17:00		Dan Schultz N8FGV	<i>DXing the Kuiper Belt - Radio Communications at the edge of the Solar System</i>

### Saturday, November 3, 2018

8:15 – 8:45		Jerry Buxton NØJY	<i>A Look Back at the Fox-1 Program AMSAT's GOLF Program</i>
8:50 – 9:10		Bob Davis KF4KSS	<i>GOLF-TEE Mechanical Design</i>
9:15 – 9:35		Zach Metzinger	<i>Implementation of the RT-IHU for GOLF</i>
9:40 – 10:00		Chris Thompson GØKLA/AC2CZ	<i>Designing the Fox-1E PSK Modulator and FoxTelem Demodulator</i>
10:05 – 10:25		L. M. Almazan WA6LOS/DU3ZX A.C. Salces DV1ZBJ C. D. M. Ambatali DV1QNE Dr. J.S. Marciano, Jr. I.Z, Bautista DV1PUI Hanns Chua 4F1XIH	<i>Micro and Nano-satellites with Amateur Satellite Ground Station Development Activities in the Republic of the Philippines</i>
10:30 – 10:50		Timothy A. Cunningham N8DEU	<i>Taking the Classroom to Space via Amateur Radio with the ARISS Program</i>
10:55 – 11:15		Dhruv Rebba KC9ZJX	<i>Chat with the ISS - ARISS Contact US#394</i>
11:20 – 11:40		Alan Johnston KU2Y Pat Kilroy N8PK	<i>The AMSAT CubeSat Simulator: A New Tool for Education and Outreach</i>
11:45 – 12:05		Burns Fisher WB1FJ Chris Thompson GØKLA	<i>Fox-In-A-Box: An Easily Deployed Satellite Telemetry Receiver</i>