

**2014 AMSAT-NA Space Symposium and Annual Meeting**  
**AMSAT 45<sup>th</sup> Anniversary Celebration**  
**October 9-12, 2014**  
**DoubleTree by Hilton Baltimore—BWI Airport**  
**Baltimore, Maryland**

**Thursday October 9, 2014**

8 am-10 pm           AMSAT Board Meeting, **Frederick Douglass Room**  
7 pm-9 pm            **Early Check-in** for Pre-registered Attendees, **Outside Harbor Room**

**Friday October 10, 2014**

**Morning**

8 am-noon       AMSAT Board Meeting, **Frederick Douglass Room**  
**9 am            Registration Opens Outside Harbor Room**  
9 am-noon       Explore Baltimore on your own

**Afternoon**

1:00-1:15 pm   **AMSAT Symposium Kickoff, Presidents Welcome, Harbor Room**

**1:15-2:55 pm Paper Session 1, CubeSats, Harbor Room**

1:15-1:40    Demo of the 6U CubeSat Deployer, Ryan Hevner, Planetary Systems Corp  
1:40-2:05    \$50sat (MO-76), one of the first four PocketQubes – the Next Small Thing In  
Satellites, Howie DeFelice AB2S, Michael Kirkhardt KD8QBA, Stuart Robinson,  
GW7HPW  
2:05-2:30    Ballistically Reinforced Communications Satellite (BRICSat-P) : The Enhancement  
of the APRS Amateur Radio Network through Micropropulsion, Bob Bruninga,  
WB4APR  
2:30-2:55    PSAT – An APRS and PSK-31 Transponder, Bob Bruninga, WB4APR

**2:55-3:15 pm Break, Harbor Room**

**3:15-4:30 pm *Special “Living Legend” Presentation, Harbor Room***

3:15-4:05    Tuskegee Experience with Tuskegee Airman Col. Charles E. McGee  
4:05-4:30    Informal Meet and Greet with Col. Charles E. McGee

**Evening**

4:30-7 pm     Informal Dinner on your own  
7-9 pm        AMSAT Reception & Auction, **Annapolis Room**

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**Saturday October 11, 2014**

**Morning**

8:00 am Registration Opens, **Outside Harbor Room**

**8:00-8:10 am AMSAT Symposium Welcome, Harbor Room**

**8:10-9:50 Paper Session 2, Fox Satellite Development, Harbor Room**

8:10-8:35 AMSAT Engineering - Fox-1 and The Future, Jerry Buxton, N0JY

8:35-9:00 Fox-1 Mechanical Assembly, Robert Davis, KF4KSS

9:00-9:25 TBD

9:25-9:50 TBD

**9:50-10:10 Break, Harbor Room**

**10:10-11:25 Paper Session 3, ARISS and Educational Outreach, Harbor Room**

10:10-10:35 ARISS 2014: A Program in Transition, Frank H. Bauer, KA3HDO; Gaston Bertels, ON4WF; Debra Johnson, K1DMJ; E. Mike McCardel, KC8YLD; Lou McFadin, W5DID; Mark Steiner, K3MS; Dave Taylor, W8AAS; Stefan Wagener, VE4NSA; and Rosalie White, K1STO

10:35-11:00 STEM Education at Shaftesbury High School—A Brief History, Robert Striemer, VE4SHS and Adrian Deakin, VA4AMD

11:00-11:25 Ham TV History, Status, and Upcoming projects, Gaston Bertels, ON4WF; Lou McFadin, W5DID; Mark Steiner, K3MS

**Lunch**

11:25-12:45pm Restaurant Buffet Special, (**Hotel Restaurant--\$15**)

**Afternoon**

**12:45-2:00 Paper Session 4, Educational Outreach, Harbor Room**

12:45-1:10 OLD SCHOOL! A Backward Glance At AMSAT Education And Its Continued Relevance, EMike McCardel KC8YLD

1:10-1:35 FunCube Enigma, Mark Spencer, WA8SME

1:35-2:00 VT-HUME Education Initiative for Academic Year 2015, Dr. Robert W. McGwier N4HY, Dr. Kira Gantt, Zach Leffke KJ4QLP, Sonya Rowe KK4NLO

**2:00-2:20 Break, Harbor Room**

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**Afternoon (Continued)**

**2:20-3:35 Paper Session 5, Satellite Ops, Harbor Room**  
2:20-2:45 RARE, MEDIUM, and WELL DONE GRIDS, Clayton Coleman, W5PFG  
2:45-3:10 TBD  
3:10-3:35 TBD

**3:45-5:15 pm AMSAT Annual Meeting & Awards Ceremony, Harbor Room**  
**Echolink simulcast**

**Evening**

6:00-7:00 pm **Attitude Adjustment, Prefunction Area**  
6:00-7 pm Cash Bar  
7:00-11 pm **Banquet, Chesapeake/Annapolis Room**  
Keynote speaker—Jan King, W3GEY, “Never, Never, Never Give Up!”  
Prize drawing  
45<sup>th</sup> Anniversary Celebration

**Sunday October 12, 2014**

**Morning**

7-9 am Area Coordinators Breakfast, **Benjamin Banneker Room**  
8:30-1pm ARISS Operations Team Meeting (Open Meeting), **Harbor Room**

**Afternoon**

**1-5 pm Light Rail/Small Group Tours**

- Inner Harbor/Baltimore Aquarium (Light Rail)
- B&O Museum (Light Rail)
- Edgar Allen Poe House (Light Rail)
- National Electronics Museum (1 pm-3pm) (Need to pre-register with Frank Bauer)

**6 pm Dinner— (carpool volunteers needed)**

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**Monday October 13, 2014**

**Morning**

08:45 am	Gather for the Special Udvar Hazy (Dulles) Air and Space Museum Tour
09:00 am	Bus leaves DoubleTree for Museum
10:00 am	Arrive--Special tour of Udvar Hazy Air and Space
Noon	Lunch at Museum
3:00 pm	Bus leaves the museum
4:00 pm	Bus returns to hotel