

## NASA Academy of Aerospace Quality 2018 Workshop Agenda

*Friday, September 7, 2018*

*Ohio Aerospace Institute (OAI), 22800 Cedar Point Road; Brook Park, OH 44142*

7:30 AM	Speaker File Loading, Poster Set Up and Check In for All Attendees	
8:00 AM	Welcome	Alice Smith Auburn University
8:15 AM	Keynote Address – Lunar Exploration Campaign	Joel Kearns Deputy Director, Space Flight Systems NASA Glenn Research Center
9:00 AM	Developing and Distributing a Model-Based Systems Engineering (MBSE) CubeSat Reference Model	David Kaslow INCOSE Space Systems
9:30 AM	The Path To Open Source Cubesats	Raul Ramirez Utah State University
10:00 AM	Break	
10:30 AM	A Brief Overview of Small Spacecraft Technology Activities at the NASA Glenn Research Center	Gary Hunter NASA Glenn
11:00AM	STRATUS: Low-Cost, Scalable Cloud Data Collection in a CubeSat Form Factor	Matthew Sietsema, Marcello Guadagno, and Alexander Lock Michigan Technological University
11:30 AM	Poster Madness	All Poster Presenters
12:15 PM	Working Lunch and Poster Presentations	
1:30 PM	University Quality Development (UQD) Program	Mitch Nelson Jet Propulsion Laboratory
2:00 PM	The Puerto Rico CubeSat Project to Attract STEM Students Into the Area of Aerospace Engineering	Eduardo Ortiz University of Puerto Rico - Mayaguez
2:30 PM	Retrodirective Transceiver System for Communication Needs of Formation Flying (Swarm) CubeSats	Ehsan Sheybani University of South Florida
3:00 PM	Break	
3:30PM	Peaceful Uses of Outer Space	Mohammad Razani New York City College of Technology, City University of New York
4:00 PM	Advanced CubeSat ESD Material Selection for Additive Manufacturing: Case Study to Insure Long-Term Storage on Earth	Bob Vermillion RMV Technology Group
4:30 PM	Wrap Up	
5:00 PM	Adjournment	