## Annual Technical Symposium 2017

### Schedule of Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 8:00-8:45  | *Welcome & Morning Keynote*  
Astronaut Lee Morin: Overview of the Orion Cockpit |
| 9:00-9:30  | **Alamo Ballroom: Session A-1**  
COBALT Open-loop Flight Test Campaign  
Carolina Restrepo |
| 9:30-10:00 | Progress of Crew Autonomous Scheduling Test (CAST) on the ISS  
Jackelynn Silva-Martinez, Shelby Bates |
| 10:00-10:30| Why Return to the Moon?  
John Cook |
| 10:30-11:00| Wing Design for Designers! Solutions Applied to the Stellar-J Launch Vehicle  
Wes Kelly |
| 11:00-11:30| Hyperbolic Rendezvous at Mars: Risk Assessments and Mitigation Strategies  
Richard Jedry |
| 11:30-12:00| Exploration with Quantum Computation: Mars Drone  
Alex Monchak, Samina S. Masood |
| 12:00-1:30 | *Lunch & Luncheon Keynote*  
Professor André Droxler: Human-Induced Climate Change requires Urgent Action |
| 1:30-2:00  | **Alamo Ballroom: Session A-2**  
The Scientific Society of Astrobiology of Peru (SCAP) & NatBio (Natural Biofilm Biotech) Mission of Team KillaLab  
Saul Perez, Ruth Quispe |
| 2:00-2:30  | Moon Age and Regolith Explorer (MARE) Mission Design and Performance  
Gerald Condon |
| 2:30-3:00  | On the Influences of Observed Variability and Repeatability in Jointed Structures  
Matthew Condon |
| 3:00-3:30  | Long Range VTOL Cargo Delivery via a Co-operating Robotic Aircraft Flock  
Chris Y. Taylor |
| 3:30-4:00  | Integrating Tests of Autonomy with both Software and People: Autonomy Requirements Tester (ART)  
Carroll Thronesbery |
| 4:00-4:30  | Integrating Fault Management Planning Tools with System Engineering: Fault Management Viewer (FMV)  
Carroll Thronesbery |
| 4:30-5:00  | The Internet of Things, Overview  
Svetlana Hanson |
| 1:30-2:00  | *Engineers as Educators Workshop*  
Dr. Edgar Bering |
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