

Room #222		Room #225		Room #233	
8:00-8:30 AM REGISTRATION & NETWORKING					
8:30-8:45 AM	Conference Welcome: Jud Ready (General Chair)				
8:45-9:00 AM	Georgia Welcome: Amy Hudnall (Director - Georgia Center of Innovation for Aerospace)				
9:00-9:30 AM	Morning Plenary: Steve Jurczyk (Associate Administrator - NASA STMD)				
9:30-10:00 AM MORNING BREAK & NETWORKING					
Small Satellites - Morning Session Session Chair: Glenn Lightsey		Space Launch, Landing, & Spaceports Session Chair: Laura Forczyk		Emerging Technologies & Applications Session Chair: Jud Ready	
10:00-10:20 AM	Ehson Mosleh (Tyvak Nano Satellite Systems) Tyvak High Performance Small Satellites		10:00-10:20 AM	Steve Howard (Space Port Camden) Spaceport Camden: America's Commercial Gateway to Space	
10:20-10:40 AM	Bill Farrell (NASA Goddard Space Flight Center) Understanding the Space Plasma-Surface interactions at the Moon and Other Airless Bodies: The New Role of Small Satellites		10:20-10:40 AM	Jim Cantrell (Vector Space Systems) Vector Space Presentation	
10:40-11:00 AM	Swapnil Pujari (Georgia Tech) Prox-1 Flight System Integration & Testing: Methodologies, Experiences, and Lessons Learned		10:40-11:00 AM	AJ Piplica (Generation Orbit) Ground & Flight Testing for a Modern Hypersonic Testbed	
11:00-11:20 AM	Brian Gunter (Georgia Tech) The Ranging And Nanosatellite Guidance Experiment (RANGE)		11:00-11:20 AM	Todd Lindner (Jacksonville Aviation Authority) Cecil Spaceport Presentation	
11:20-11:40 AM	Matthew Hevert (UGA Small Satellite Research Lab) Mechano-Optical Design of a CubeSat Ready Hyperspectral Camera System		11:20-11:40 AM	Kenneth Hart (Georgia Tech) Modeling Landing Site Damage Due to Retrorocket Plume Impingement	
11:45-1:00 PM	LUNCH Lunch Plenary: Shane Kimbrough (Astronaut - NASA Johnson Space Center)				
1:00-2:00 PM	PANEL PERSPECTIVES ON THE FUTURE OF COMMERCIAL SPACE Brad Majeres (ViaSat) Mariel Borowitz (Georgia Tech) Michael Beavin (FAA/AST) Mike Mealling (Starbridge Venture Capital) Moderator: Bob Scaringe			1:00-2:00 PM	PANEL INFLUENCE OF SPACE IN MEDIA, OUTREACH, & EDUCATION Harold Boone (Hines Family Foundation for Education Innovation & Service) Shawn Cruzen (Coca Cola Space Science Center) Stephen Edwards (Georgia Tech) Art David (Pinewood Studios) Christopher Parsons (Georgia Tech) Moderator: Jacob Vallo
2:00-2:30 PM AFTERNOON BREAK & NETWORKING					
2:30-3:00 PM	Afternoon Plenary: Jane Kinney (Assistant Director - Commercial Spaceflight Federation)				
Small Satellites - Afternoon Session Session Chair: Glenn Lightsey		Space Science & Deep Space Missions Session Chair: Kennda Lynch		Student Activities & Programs Session Chair: Caleb Williams	
3:05-3:25 PM	Brian Weaver (Georgia Tech) The Development of a Deployable Inflatable Target for Evaluation of the TARGIT CubeSat Mission's LiDAR Payload		3:05-3:25 PM	Jon Jenkins (NASA Ames Research Center) Prospecting for Habitable Worlds: NASA's Kepler and TESS Missions	
3:25-3:45 PM	Caleb Adams (UGA Small Satellite Research Lab) Batch Analytical Comparisons of on Orbit Multi-View Stereo, Surface Reconstructions, Rasterization, and Digital Surface Models		3:25-3:45 PM	Martha Grover (Georgia Tech) A System-level Viewpoint on the Chemical Origins of Life	
3:45-4:05PM	Carl Kirkconnell (West Coast Solutions) Development of a Miniature Stirling Cryocooler for LWIR Small Satellite Applications		3:45-4:05PM	Brian Glass (NASA Ames Research Center) Mobile Automated Drilling and Sample Acquisition for Planetary Astrobiological Missions	
4:05-4:25 PM	Kevin Feld (Blink Astro) Global IoT Connectivity with Cubesats		4:05-4:25 PM	Janine Captain (NASA Kennedy Space Center) Resource Prospector Instrumentation for Volatile Analysis	
4:25-4:45 PM	Tanish Himani (Georgia Tech) MicroNimbus: Transitioning From Preliminary Design To A Flight Capable CubeSat Mission		4:25-4:45 PM	Thomas Orlando (Georgia Tech) REVEALS: Radiation Effects on Volatiles and Exploration of Lunar Surfaces	
4:45-5:00 PM	Closing Remarks: Jud Ready (General Chair)				