




	Day 0: Monday, October 28, 2013	Day 1: Tuesday, October 29, 2013	Day 2: Wednesday, October 30, 2013	
8:00 AM	 <p style="text-align: center;">Agenda</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. Space Traffic Management & Operations</p> <ul style="list-style-type: none"> 1.1 Orbital 1.2 Suborbital 1.3 NAS Integration 1.4 Spaceport Operations 1.5 Integrated Air/Space Traffic Management <p>3. Human Spaceflight</p> <ul style="list-style-type: none"> 3.1 Aerospace Phys & Medicine 3.2 Personnel Training 3.3 ECLSS 3.4 Habitability & Human Factors 3.5 Human Rating </div> <div style="width: 45%;"> <p>2. Space Transportation Ops, Technologies & Payloads</p> <ul style="list-style-type: none"> 2.1 Ground System & Ops Safety Techs 2.2 Vehicle Safety Analyses 2.3 Vehicle Safety Systems & Techs 2.4 Payload Safety 2.5 Vehicle Ops Safety <p>4. Space Transportation Industry Viability</p> <ul style="list-style-type: none"> 4.1 Markets 4.2 Policy 4.3 Law 4.4 Regulation 4.5 Cross-Cutting Topics </div> </div>	8:00 AM	8:00 AM	
8:15 AM			Registration & Breakfast <i>Hyatt Regency Capitol Rooms A & B - Lobby Level</i> <i>(Breakfast Included in your Registration)</i>	Registration & Breakfast <i>Hyatt Regency Capitol Rooms A & B - Lobby Level</i> <i>(Breakfast Included in your Registration)</i>
8:30 AM				
8:45 AM				
9:00 AM			OPENING REMARKS WELCOME (K. Davidian, FAA AST) FAA OPENING KEYNOTE SPEAKER (G. Nield, FAA AST) NASA OPENING SPEAKER (F. Chandler, NASA HQ OCT)	DAY 2 OPENING REMARKS
9:15 AM				3: HUMAN SPACEFLIGHT RESEARCH 184. Comm'l Spacecraft Human Rating (CU-Klaus) 255. Wearable Biomedical Equip (UTMB-Castleberry) 256. Centrifuge Testing (UTMB-Vanderploeg) 294. Minor Injury Severity Scale (UTMB-Castleberry) 295. EMF Effects on Implantable Devices (UTMB-Vanderploeg)
9:30 AM				
9:45 AM			PROGRAMMATIC OVERVIEWS - FAA COE Welcome & Overview (P. Watts, FAA COE) - COE CST Status Report (K. Davidian, FAA AST)	
10:00 AM			Keynote Speaker Congressman Bill Posey <i>Networking Break</i>	Networking Break
10:15 AM				
10:30 AM			COE CST AFFILIATE AND ASSOCIATE MEMBERS - Overview (K. Davidian), McGill (Y. Nyampong), NASTAR (B. Henwood), ERAU (M. Hickey), DLR (J. Drescher). - Not in attendance: SatWest (B. Barnett), UN Lincoln (M. Schaeffer), NASA ARC (M. Dudley)	
10:45 AM				
11:00 AM				2c: SPACE TRANSPORTATION OPS, TECH & PAYLOADS 244. Autonomous RDV & Docking for Space Debris Mitigation (UF-Fitz-Coy), (FSU-Collins), (SU-Rock), (CU-Axelrad)
11:15 AM				
11:30 AM				
11:45 AM				
12:00 PM		Lunch <i>Hyatt Regency Capitol Room A, (Lunch Included in your Registration)</i>	Lunch <i>Hyatt Regency Capitol Room A, (Lunch Included in your Registration)</i>	
12:15 PM				
12:30 PM		Keynote Speaker: Joseph Rothenberg <i>(Chairman CESTAC/JHR Consulting)</i>	Keynote Speaker: Dr. T. Dwayne McCay <i>(Executive VP-COO, Florida Institute of Technology)</i>	
12:45 PM				
1:00 PM		1a: SPACE TRAFFIC MANAGEMENT AND OPERATIONS 186. Space Env MMOD Modeling & Prediction (SU-Close), (CU-Fuller-Rowell)	4: SPACE TRANSPORTATION INDUSTRY VIABILITY 193. Role of COE CST in EFP (SU-Hubbard), (CU-Born)	
1:15 PM				
1:30 PM		1b: SPACE TRAFFIC MANAGEMENT AND OPERATIONS 185. Unified 4D Trajectory (SU-Alonso) 258. Multi-disc Analysis of Safety Metrics (SU-Alonso) 247. Air & Space Traffic Considerations for CST (FIT-Villaire)		
1:45 PM				
2:00 PM		1c: SPACE TRAFFIC MANAGEMENT AND OPERATIONS 257. Master's Launch & On-Orbit Ops Class (Cheetham) 187. Space Situational Awareness (CU-Scheeres) 220. Space Operational Framework (NMSU-Hynes)	Parallel Sessions Allied Organization Presentations and CESTAC Closed Meeting	
2:15 PM				
2:30 PM				
2:45 PM				
3:00 PM		Networking Break	Networking Break	
3:15 PM				
3:30 PM		2a: SPACE TRANSPORTATION OPS, TECH & PAYLOADS 228. Magneto-Elastic Sensing for SHM (NMT-Zagrai, Ostergren) 253. Ultra High Temp Composites (UCF-Gou, Kapat) 293. Reduced Order Non-Linear Dynamic System Models (NMT-Miller)	CESTAC OUTBRIEF - Joe Rothenberg (CESTAC) CLOSING KEYNOTE Mike Gold (Bigelow Aerospace/COMSTAC) CLOSING REMARKS - P. Watts (FAA COE), K. Davidian (FAA AST), T. Fiedler (FIT)	
3:45 PM				
4:00 PM	Registration <i>Hyatt Regency — Congressional A - Lobby Level</i>	2b: SPACE TRANSPORTATION OPS, TECH & PAYLOADS 241. High Temp Pressure Transducers (UF-Sheplak), (FSU-Oates) 298: Integration & Evaluation of Payloads (NMSU-Hynes) 299: Nitrous Oxide Composite Tank Testing (NMT-Ostergren, Dr. Robert Abernathy and Dr. Michael Hargather)		
4:15 PM				
4:30 PM				
4:45 PM			Adjournment	
5:00 PM	Welcome Reception <i>Sponsored by Craig Technologies and ULA</i> Welcome Remarks by Congressman Jared Polis Poster Session and Discussion <i>Hyatt Regency - Congressional A - Lobby Level</i> <i>hors d'oeuvres</i>	Adjournment		
5:15 PM				
5:30 PM				
5:45 PM				
6:00 PM				
6:15 PM				
6:30 PM				
6:45 PM				
7:00 PM	 	Date of this update: 11/7/2013		