COE CST Third Annual Technical Meeting: Welcome!

Ken Davidian
COE CST ATM3 in Washington, DC
Tuesday, October 29, 2013

Overview

- Welcome!
  - PIs
  - Students
  - CESTAC
  - Affiliate Members
  - FAA Employees
  - Others!
- Safety & Logistics
- Meals & Network Breaks
- Agenda & Schedule
- Banner Competition

Agenda & Schedule

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)*	9:00 AM	DAY 2 OPENING REMARKS	9:00 AM
9:15 AM		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)*	9:15 AM
9:30 AM		9:30 AM		9:30 AM
9:45 AM	**PROGRAMMATIC OVERVIEWS** *- FAA COE Welcome & Overview (P. Watts, FAA COE)* *- COE CST Status Report (K. Davidian, FAA AST)*	9:45 AM		9:45 AM
10:00 AM		10:00 AM		10:00 AM
10:15 AM		10:15 AM		10:15 AM
10:30 AM	***Keynote Speaker Congressman Bill Posey*** ***Networking Break***	10:30 AM	***Networking Break***	10:30 AM
10:45 AM		10:45 AM		10:45 AM
11:00 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)*	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)*	11:00 AM
11:15 AM		11:15 AM		11:15 AM
11:30 AM		11:30 AM		11:30 AM
11:45 AM		11:45 AM		11:45 AM
12:00 PM	***Lunch*** *Hyatt Regency Capitol Room A, (Lunch Included in your Registration)*	12:00 PM	***Lunch*** *Hyatt Regency Capitol Room A, (Lunch Included in your Registration)*	12:00 PM
12:15 PM		12:15 PM		12:15 PM
12:30 PM	***Keynote Speaker: Joseph Rothenberg*** *(Chairman CESTAC/JHR Consulting)*	12:30 PM	***Keynote Speaker: Dr. T. Dwayne McCay*** *(Executive VP-COO, Florida Institute of Technology)*	12:30 PM
12:45 PM		12:45 PM		12:45 PM
1:00 PM	**1a: SPACE TRAFFIC MANAGEMENT AND OPERATIONS** *186. Space Env MMOD Modeling & Prediction (SU-Close), (CU-Fuller-Rowell)*	1:00 PM	**4: SPACE TRANSPORTATION INDUSTRY VIABILITY** *193. Role of COE CST in EFP (SU-Hubbard), (CU-Born)*	1:00 PM
1:15 PM		1:15 PM		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)*	1:30 PM	***Parallel Sessions*** ***Allied Organization Presentations and CESTAC Closed Meeting***	1:30 PM
1:45 PM		1:45 PM		1:45 PM
2:00 PM		2:00 PM		2:00 PM
2:15 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)*	2:15 PM		2:15 PM
2:30 PM		2:30 PM		2:30 PM
2:45 PM		2:45 PM		2:45 PM
3:00 PM	***Networking Break***	3:00 PM	***Networking Break***	3:00 PM
3:15 PM		3:15 PM		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)*	3:30 PM	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)*	3:30 PM
3:45 PM		3:45 PM		3:45 PM
4:00 PM		4:00 PM		4:00 PM
4:15 PM	**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		4:15 PM
4:30 PM		4:30 PM		4:30 PM
4:45 PM		4:45 PM	***Adjournment***	4:45 PM
5:00 PM		5:00 PM		5:00 PM
5:15 PM	***Adjournment***	5:15 PM		5:15 PM

Banner Competition