

# **Exploring and Privateering Space**

November 12-14, 2004 --- Four Points Sheraton Hotel at the Huntsville International Airport, Alabama

**Conference Sessions and Talks – Version 23, 2004-Nov-11**

Time	Room	FI/Track	Sess	Session	Speaker	Title, Org/Company	Status	Talk Title
<b>FRIDAY, NOVEMBER 12, 2004</b>								
9 –10 A	Decatur Rm	2	1	Space Propulsion	(cancelled)		VACANT	(We will show a Space DVD instead)
10–11 A	Decatur Rm	2	1	Space Propulsion	John Cole	NASA Propulsion Research Center	CONFIRMED	Advanced Propulsion Concepts
11–12 P	Decatur Rm	2	1	Space Propulsion	Dr. Robert Frederick	University of Alabama in Huntsville	CONFIRMED	Space Propulsion Research Center
12– 2 P	<b>Tour of the Boeing Delta EELV Manufacturing Plant (optional box lunch available) -- Meet at outside entrance of Hotel/Airport Terminal at 11:45 AM</b>							
2 – 3 P	Decatur Rm	2	2	Launch Vehicles	Shelley LeRoy	Boeing	CONFIRMED	Advanced Delta EELVs for Space Exploration
3 – 4 P	Decatur Rm	2	2	Launch Vehicles	Alex Adams	NASA Space Shuttle Assurance Dept	CONFIRMED	Space Shuttle Return to Flight Progress and Plans
4 – 5 P	Decatur Rm	2	2	Launch Vehicles	Gordon Woodcock	Panel Discussion	CONFIRMED	Launch Vehicles for Space Exploration Panel Discussion
6 – 9 P	Decatur Rm	2	ME	Reception	Chair, NSS Officers	HAL5, NSS	CONFIRMED	Welcome Reception with hors d'oeuvres and cash bar
<b>SATURDAY, NOVEMBER 13, 2004</b>								
7 – 9 A	Red/Athens	1	ME	Meal Event	Ikin, Whitesides	NSS	CONFIRMED	Breakfast Meal with NSS Directors/Officers
9 –10 A	Marshall	1	3	Going for X-Prize	Timothy Pickens	Propulsion designer, Scaled Composites	CONFIRMED	The SpaceShipOne Propulsion System
10–11 A	Marshall	1	3	Going for X-Prize	Timothy Pickens	HARC, Orion Propulsion	CONFIRMED	The HARC Liberator Reusable Suborbital Rocket
11–12 P	Marshall	1	3	Going for X-Prize	Robin Snelson	XPTV writer & XPrizeNews.org	CONFIRMED	X-Prize, The Show: The Secret Plan to Change Minds and Start the Personal Spaceflight Revolution
9 –10 A	Decatur Rm	2	3	Lunar Exploration	James R. Hopkins	International Space Systems, Inc.	CONFIRMED	Lunar Bases and In-Situ Propulsion Systems
10–11 A	Decatur Rm	2	3	Lunar Exploration	Dennis Wingo	Space Engineer, Author	CONFIRMED	Improving Life on Earth with the Moon's Resources
11–12 P	Decatur Rm	2	3	Lunar Exploration	Rob Adams	University of Alabama in Huntsville	invited	Lunar TBD
12– 2 P	Red/Athens	1	ME	Meal Event	Konrad Dannenberg	Von Braun Team propulsion engineer	accepted	History & Lessons Learned from Saturn V Rocket Program
2 – 3 P	Marshall	1	4	Space Tourism	Dr. John Bossard	HAL5	CONFIRMED	Homebuilt Aerospace Vehicles -- A New Arena for Home Builders
3 – 4 P	Marshall	1	4	Space Tourism	Tim Bailey	Zero-G	invited	Go Weightless -- Take a ZERO-G flight!
4 – 5 P	Marshall	1	4	(Special Treat)	Dr. Ann Schmiedekamp	NASA Solar System Ambassador	tentative yes	Voyage to a Ringed World -- The NASA Cassini-Huygens Mission

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2 – 3 P	Decatur Rm	2	4	Moon, Mars, and Beyond	Les Johnson	NASA Marshall Space Flight Center	invited	NASA's Vision for Space Exploration
3 – 4 P	Decatur Rm	2	4	Moon, Mars, and Beyond	Les Johnson	Manager, NASA In Space Propulsion	CONFIRMED	Exploring the Outer Solar System
4 – 5 P	Decatur Rm	2	4	Moon, Mars, and Beyond	Ben Donahue	Boeing engineer	CONFIRMED	Mars Mission Studies: Past and Present
6 – 9 P	Red/Athens	1	ME	Meal Event	Chris Faranetta	Space Adventures	CONFIRMED	Railroad to the Sky
<b>SUNDAY, NOVEMBER 14, 2004</b>								
7 – 9 A	Red/Athens	1	ME	Meal Event	Stuart, Lajoie	NSS	CONFIRMED	Breakfast Meal with NSS Chapter Leaders
9 –10 A	Marshall	1	5	NSS in Action	Randall Severy	President/CEO, CyberTeams	CONFIRMED	The New MyNSS Web-based Membership Database
10–11 A	Marshall	1	5	NSS in Action	Chuck Schlemm	President, Middle Tennessee NSS	CONFIRMED	Space Presentation Methods to Kids and Adults
11–12 P	Marshall	1	5	NSS in Action	Bill Brown	HAL5	volunteered	High Altitude Ballooning in the Space Age
9 –10 A	Decatur Rm	2	5	Space Stations and Settlement	(moved)		VACANT	(We will show a Space DVD instead)
10–11 A	Decatur Rm	2	5	Space Stations and Settlement	James R. Hopkins	International Space Systems, Inc.	CONFIRMED	TransHab and Inflatable Space Habitats
11–11:30 A	Decatur Rm	2	5	Space Stations and Settlement	Darren Spurlock	Boeing engineer	CONFIRMED	The XTV Automated Cargo Transport to ISS
11:30–12 P	Decatur Rm	2	5	Space Stations and Settlement	Peter D. Ewing	Logistics Manager, United States Army	CONFIRMED	Importance of Testing in Space Exploration
12– 2 P	Red/Athens	1	ME	Meal Event	George Whitesides	NSS Executive Director	CONFIRMED	Next Steps for Ensuring Human Space Exploration
2 – 3 P	Marshall	1	6	Huntsville Projects	Ken Farnell	President, Von Braun Astronomical Society	CONFIRMED	The North Alabama Planetarium Initiative
3 – 4 P	Marshall	1	6	Huntsville Projects	Marsha Lindstrom	U.S. Space and Rocket Center	CONFIRMED	Saving the Huntsville Saturn V (history, present, future)
4 – 5 P	Marshall	1	6	Huntsville Projects	David Hewitt	HAL5	CONFIRMED	HAL5's Project HALO -- The Tube Launch 1 (TL-1) Mission
2 – 3 P	Decatur Rm	2	6	Space Science & Education	Dr. Martin Weisskop	NASA Marshall Space Flight Center	CONFIRMED	The Chandra X-Ray Space Telescope
3 – 4 P	Decatur Rm	2	6	Space Science & Education	Dr. Bill Carswell	NASA Outreach Scientist	CONFIRMED	Research Aboard the International Space Station
4 – 5 P	Decatur Rm	2	6	Space Science & Education	Al Whitaker	U.S. Space and Rocket Center	CONFIRMED	Space Camp and Beyond