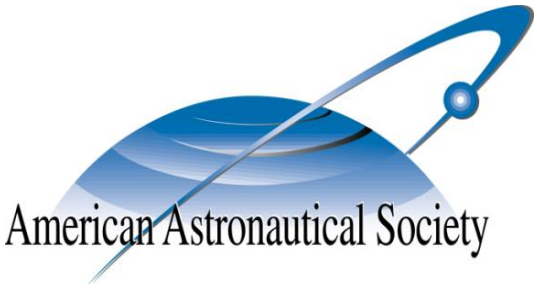

6th Wernher von Braun Memorial Symposium

- Bringing Exploration Forward -

October 7-10, 2013

Chan Auditorium
Business Administration Building
The University of Alabama in Huntsville
301 Sparkman Drive
Huntsville, AL 35899

An AAS Symposium organized
in conjunction with
The University of Alabama in Huntsville
NASA Marshall Space Flight Center
Huntsville National Space Club

Media Sponsor – *SpaceNews*

Education Sponsor – Aerojet Rocketdyne

Co-sponsored by:

Boeing
Lockheed Martin
Northrop Grumman
Orbital Sciences Corporation
SpaceX
United Launch Alliance

- Program -

Monday, October 7

5:30 pm **Kick-off Networking Reception**
University Center, Exhibit Hall *- sponsored by Orbital Sciences Corporation*

Tuesday, October 8

7:30 am **Registration Opens / Networking / Continental Breakfast**
Business Administration Building, Lobby *- sponsored by SpaceX*

8:30 am **Welcome to Campus** - Chan Auditorium
Dr. Robert Altenkirch, President, The University of Alabama in Huntsville

Welcome Remarks
Troy Trulock, Mayor of Madison *invited*

Remarks by AAS Executive Vice President
Walt Faulconer, President, Strategic Space Solutions, LLC

9:00 am **Keynote**
N. Wayne Hale, Jr., Director of Human Spaceflight, Special Aerospace Services, LLC; former NASA Space Shuttle Program Manager

9:45 am **Break** *- sponsored by SpaceX*

10:00 am **Roundtable: Exploration Going Forward with SLS and Orion – 2020 and Beyond**

Moderator: Mary Lynne Dittmar, CEO, Dittmar Associates, Inc.

Panelists:

- Julie Van Kleeck, Vice President, Space Advanced Programs, Aerojet Rocketdyne
- Charlie Precourt, Vice President & General Manager, Space Launch Division, Aerospace Group, ATK
- Virginia Barnes, Vice President & Program Manager, Exploration Launch Systems, Boeing
- Kim Doering, Manager, Space Systems Division, Dynetics
- Mark Kinnersley, Director, MPCV ESM Resident Liaison, Astrium North America Inc.
- Jim Crocker, Vice President and General Manager, Civil Space, Lockheed Martin Space Systems Company

12:00 pm **Luncheon** University Center, Exhibit Hall *- sponsored by Lockheed Martin*
Guest Speaker: Jim Crocker, Vice President and General Manager, Civil Space, Lockheed Martin Space Systems Company

1:30 pm **Panel: Industry Perspectives from Washington Operations Executives**

Moderator: Jeff Bingham, Senior Advisor to the U.S. Senate (retired)

Panelists:

- John Schumacher, Vice President for Business Relations, GenCorp/ Aerojet Rocketdyne
- Pat Schondel, Vice President for Homeland Security, NASA, and Science & Technology , Boeing
- Carol Lane, Vice President and Lead Executive, Civil and Commercial Space, Ball Aerospace & Technologies Corp.
- Eric Thoemmes, Vice President, Space and Missile Defense Programs, Lockheed Martin Washington Operations
- Mark Bitterman, Vice President, Government Affairs and Communications, ULA
- Beth Rossman, Vice President, Government Relations, Honeywell

3:30 pm **Break** - *sponsored by SpaceX*

3:45 pm **Panel: Perspectives on Exploration**

Moderator: Gene Goldman, Executive Director, Space Programs, Aerojet Rocketdyne

Panelists:

- Dave King, President, Dynetics
- Doug Cooke, Owner, Cooke Concepts and Solutions
- Rick Chappel, Research Professor of Physics, Vanderbilt University; NASA MSFC (retired)
- Mike Griffin, Chairman & CEO, Schafer Corporation

5:45 pm **Reception & Student Poster Displays**
Burritt on the Mountain – Baron Bluff Building - *sponsored by United Launch Alliance*
Special Guest: Dennis Tito

Wednesday, October 9

7:15 am **Registration Opens / Networking / Continental Breakfast**
Business Administration Building, Lobby - *sponsored by Northrop Grumman*

8:00 am **Panel: Status of Commercial Cargo and Crew**

Moderator: Jeff Carr, Senior Vice President of Aerospace Communications, Griffin Communications

Panelists:

- John Mulholland, Vice President and Program Manager, Commercial Programs, Space Exploration, Boeing
- Frank Culbertson, Executive Vice President and General Manager, Advanced Programs Group, Orbital Sciences Corporation
- John Olson, Vice President, Space Systems, Sierra Nevada Corporation
- Rob Meyerson, President and Program Manager, Blue Origin
- Garrett Reisman, Commercial Crew Program Manager, SpaceX

10:00 am **Break** - *sponsored by Northrop Grumman*

10:15 am **Panel: The Role of Higher Education in Space Exploration**

Moderator: John Horack, Vice President, Space Systems Group, Teledyne Brown Engineering

Panelists:

- Bobby Braun, Professor, Aerospace Engineering, Georgia Institute of Technology
- Johann-Dietrich Wörner, Chairman of the Executive Board, German Aerospace Center (DLR)
- Gary Zank, Director, Center for Space Plasma and Aeronomic Research; Chair, Department of Space Science, UAHuntsville

11:45 am **Luncheon** University Center, Exhibit Hall - *sponsored by Boeing*
Guest Speaker: Fuk Li, Director of Mars Exploration, NASA Jet Propulsion Laboratory - "Latest Results from Curiosity"

Announcement of Student Poster Awards

1:45 pm **Panel: Privately Funded Space Activities**

Moderator: Jason Hundley, Founder, Zero Point Frontiers Corporation

Panelists:

- Will Pomerantz, Vice President for Special Projects, Virgin Galactic
- Hoyt Davidson, Founder & Managing Partner, Near Earth LLC
- Taber MacCallum, Golden Spike and Inspiration Mars
- Tim Pickens, Chief Propulsion Engineer, Moon Express
- John Horack, Vice President, Space Systems Group, Teledyne Brown Engineering

3:45 pm **Adjourn – Winning Student Poster Displays** - Lobby

WERNHER VON BRAUN MEMORIAL DINNER
- New Davidson Center at the US Space and Rocket Center

5:30 pm **Reception**
7:00 pm **Dinner**
Special Guest Speaker: Dennis Tito

Note: The dinner is a separate event and is not included as part of the symposium registration. For information on the dinner go to www.spaceclub-hsv.org

Thursday, October 10

Optional Tour of the United Launch Alliance Atlas and Delta Rocket Production Facility

8:30 – 12:00

Bus will depart from (and return to) the UAHuntsville Intermodal Parking Facility (Bldg. 16 on campus map)

1) Only U.S. Citizens/Persons are permitted on the tour.
2) Only one of the following documents is required for the tour other than a current U.S. driver's license:

A: United States Passport (unexpired or expired) or

B: Original or certified copy of a Birth Certificate issued by a state, county, municipal authority, or outlying possession of the United States, bearing an official seal.

3) No open toe shoes are permitted on the tour. Flat closed toe shoes preferred.
4) Those who RSVP will be required to re-confirm prior to boarding the ULA bus.
5) For further information, please contact Larry Richardson-ULA at 303-269-5505 or larry.richardson2@ulalaunch.com