



10th Wernher von Braun Memorial Symposium

Gateways in Space: Exploration, Security and Commerce

October 24-26, 2017

Charger Union Theater
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**

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Co-sponsored by:

***The Boeing Company
Lockheed Martin
MITRE
Orbital ATK
Teledyne Brown Engineering
UAH
United Launch Alliance***

Draft Program

Tuesday, October 24

6:00 pm **Welcome Reception** Student Services Building
 - *sponsored by UAH*

Wednesday, October 25

7:00 am AAS Corporate Members Breakfast (Invitation Only)

7:00 am **Registration Opens / Networking / Continental Breakfast**
Charger Union - *sponsored by Orbital ATK*

8:00 am **Welcome to Campus** Charger Union Theater
Dr. Robert Altenkirch, President, The University of Alabama in Huntsville
Welcome by AAS
Alan DeLuna, Executive Vice President

8:15 am **Marshall Space Flight Center Welcome**
Todd May, Director, NASA Marshall Space Flight Center

8:30 am **Exploration Update**
Moderator: Dale Thomas, Professor/Eminent Scholar, I & S Engineering, UAH
Invited Panelists:

- Bill Hill, Deputy Associate Administrator, Exploration Systems Development, Human Exploration and Operations Mission Directorate, NASA HQ
- John Honeycutt, Space Launch System (SLS) Program Manager, NASA MSFC
- Mark Kirasich – Orion Program Manager, NASA JSC
- Mike Bolger, Manager, Ground Systems Development and Operations Program (GSDO), NASA KSC

10:00 am **Break** - *sponsored by Orbital ATK*

10:15 am **Space Policy Discussion**
Moderator: Frank Moring, retired Senior Space Technology Editor,
Aviation Week & Space Technology
Panelists:

- Kate Kronmiller, Vice President, Government Relations, Jacobs
- James Vedda, Senior Policy Analyst, The Aerospace Corporation
- Scott Pace, Executive Secretary, National Space Council
- Ann Zulkosky, Director of NASA Programs, Lockheed Martin

11:45 am **Spotlight - Next Generation Conversations**

- Mark Becnel, President, RadioBro Corporation
- Twyman Clements, President & CEO, Space Tango Inc. *invited*
- Will Marshall, Co-Founder and CEO, Planet *invited*

- 12:30 pm **Luncheon** Student Services Building - *sponsored by Boeing*
Guest Speaker: William Gerstenmaier, Associate Administrator, Human
Exploration and Operations, NASA HQ *invited*
- 2:00 pm **Opportunities and Barriers to Human Space Flight...**
Moderator: Eric Stallmer, President, Commercial Spaceflight Federation
Panelists:
 ▪ TBD.
- 3:30 pm **Break** - *sponsored by Orbital ATK*
- 3:45 pm **Spotlight**
 ▪ Thomas Zurbuchen, Associate Administrator, Science Mission Directorate,
 NASA HQ *invited*
- 4:15 pm **Research on the International Space Station**
Moderator: Bobby Watkins, Director, Human Exploration Development and
Operations Office, NASA MSFC
Invited Panelists:
 ▪ Robyn Gatens, Deputy Director, ISS, NASA HQ
 ▪ Marybeth Edeen, ISS Research Integration Office Manager, NASA JSC
 ▪ Greg Johnson, President and Executive Director, CASIS
 ▪ Mark Mulqueen, ISS Program Manager, Boeing
- 5:45 pm **Adjourn**
- 6:15 pm **Reception and Student Poster Displays**
Grand Hall - Huntsville Botanical Garden
- *sponsored by United Launch Alliance*

Thursday, October 26

- 7:00 am **Registration Opens / Networking / Continental Breakfast**
Charger Union - *sponsored by Teledyne Brown Engineering*
- 8:00 am **Opening Speaker** Charger Union Theater
Deborah Barnhart, CEO, U.S. Space & Rocket Center *invited*
- 8:30 am **Next Space Technologies for Exploration Partnerships (NextSTEP)**
Moderator: Jason Crusan, Director, Advanced Exploration Systems Division,
Human Exploration and Operations Mission Directorate, NASA HQ
Invited Panelists:
 ▪ Boeing
 ▪ Lockheed Martin
 ▪ Sierra Nevada Corporation
 ▪ Orbital ATK
 ▪ Bigelow Aerospace
 ▪ NanoRacks
- 10:00 am **Break** - *sponsored by Teledyne Brown Engineering*

10:15 am **Team Redstone**
Moderator: David Burns, Deputy, Space Systems Department, NASA MSFC
Panelists:
▪ TBD

11:45 am **Spotlight**
▪ Mike Griffin, President, GriffinSpace Consulting LLC

12:30 pm **Luncheon** Student Services Building - *sponsored by Lockheed Martin*
Guest Speaker: Robert Lightfoot, NASA Administrator (Acting)

Announcement of Student Poster Awards

Presentation of Ordway Awards

2:30 pm **Adjourn**

29th Annual Wernher von Braun Memorial Dinner

- Davidson Center at the U.S. Space & Rocket Center

5:30 pm **Reception**

7:00 pm **Dinner** Special Guest Speaker: Gen. John E. Hyten, USAF, Commander,
U.S. Strategic Command (USSTRATCOM)

Note: The dinner is a separate event and is not included as part of the symposium registration.

Friday, October 27 (optional)

8:30 – 12:30 am **Tour of the United Launch Alliance Rocket Production/RUAG Space
USA Large Composite Manufacturing Facility** (Limited to 50 spots; first-come, first served)

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

- 1) Only U.S. Citizens/Persons are permitted on the tour.
- 2) Required for the tour: Valid U.S. government agency picture I.D. such as a driver license, passport or other government-issued I.D.
- 3) Visitor Rules:
 - A. This will be a walking tour, so please wear comfortable shoes. Please inform ULA if you are unable to walk the tour and we will make every effort to accommodate you.
 - B. No open-toed or high-heeled shoes over two inches in production areas. Flat closed toe shoes preferred.
 - C. No cameras (If cell phone/PDA has a camera capability, **the camera function is not to be used** while visiting ULA)
 - D. No laptops or voice recorders
 - E. No shorts in production areas
- 4) Those who RSVP will be required to re-confirm prior to boarding the ULA bus. A tour representative will be located at the front check-in desk of the symposium for participants to confirm their attendance.
- 5) For further information, please contact Sarah Thomas at 303-391-4858 or sarah.s.thomas@ulalaunch.com