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

Media Sponsor – *SpaceNews*

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Co-sponsored by:

*The Boeing Company*
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*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 Morring, 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