



8th Wernher von Braun Memorial Symposium

Space Exploration and Discovery: Expanding Human Knowledge

October 27-29, 2015

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*

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UAH
United Launch Alliance

- Kate Kronmiller, Staff Vice President, Government Relations, Orbital ATK
- Nick Cummings, Minority Staff Director; Subcommittee on Space, Science and Competitiveness, Senate Committee on Commerce, Science and Transportation
- Mary Lynne Dittmar, President, Dittmar Associates

12:30 pm **Luncheon** Conference Training Center (formerly the University Center)
- sponsored by Boeing
 Guest Speaker: Robert Lightfoot, NASA Associate Administrator

2:00 pm **SLS and Orion Progress Report**

- John Honeycutt, Manager, Space Launch System Program Office, NASA MSFC
- Bill Hill, Assistant Deputy Associate Administrator, Exploration Systems Development, NASA Headquarters
- Paul Marshall, Assistant Program Manager, Orion Program, NASA JSC
- Jennifer Kunz, Deputy Ground Systems Development and Operations Program Manager, NASA KSC

3:00 pm **Science Spotlight: “The Martian” - Science Fiction and Science Fact**
 Jim Green, Director, Planetary Division, Science Mission Directorate, NASA Headquarters

3:30 pm **Break** - *sponsored by a.i. solutions*

4:00 pm **Sustaining a Healthy Space Transportation Industry**
 Moderator: Mike Griffin, CEO, Schafer Corporation
 Panelists:

- George Sowers, Vice President, Advanced Programs, United Launch Alliance
- Josh Brost, Manager, Business Development, SpaceX
- Jim Simpson, Senior Vice President, Strategy and Business Development, Aerojet Rocketdyne
- Kent Rominger, Vice President, Strategy and Business Development, Propulsion Systems Division, Orbital ATK, Flight Systems Group
- Steve Cook, Vice President of Corporate Development, Dynetics

6:00 pm **Reception and Student Poster Displays**
 Burritt on the Mountain – Baron Bluff Building
- sponsored by United Launch Alliance

Thursday, October 29

7:00 am **Registration Opens / Networking / Continental Breakfast**
 Business Administration Building, Lobby - *sponsored by Dynetics*

8:00 am **Opening Speaker**
 N. Wayne Hale, Jr., Director of Human Spaceflight, Special Aerospace Services, LLC; former NASA Space Shuttle Program Manager

- 8:30 am **Payoffs: The Next Five Years**
Moderator: Jody Singer, Manager, Flight Programs and Partnerships,
 NASA MSFC
Panelists:
 ▪ Michele Gates, Program Director, Asteroid Redirect Mission, NASA
 Headquarters
 ▪ Steve Jurczyk, Associate Administrator, Space Technology Mission
 Directorate, NASA Headquarters
 ▪ Tommy Sanford, Executive Director, Commercial Spaceflight Federation
 ▪ Greg Johnson, President and Executive Director, Center for the
 Advancement of Science in Space (CASIS)
 ▪ Curt Niebur, Europa Mission Program Scientist, NASA Headquarters
- 10:00 am **Break** - sponsored by *Dynetics*
- 10:15 am **Mars Spotlight: Affordability and Sustainability**
Dan Dumbacher, Professor of Engineering Practice, School of Aeronautics and
Astronautics Engineering, Purdue University
- 11:00 am **NASA's Discovery & New Frontiers Program – New Missions**
Moderator: Dennon Clardy, Assistant Manager, Flight Programs and
 Partnerships Office, NASA MSFC
Panelists:
 ▪ Mike Ryschkewitsch, Head, Space Sector, JHU/Applied Physics
 Laboratory
 ▪ Jim Garvin, Chief Scientist, NASA Goddard Space Flight Center
 ▪ Dante Lauretta, Professor of Planetary Science and Cosmochemistry,
 Lunar and Planetary Lab, University of Arizona (PI for OSIRIS-REx)
 ▪ Scott Bolton, Assistant Vice President, Southwest Research Institute,
 Space Science and Engineering Division (PI for Juno)
- 12:30 pm **Luncheon** Conference Training Center (formerly the University Center)
 - sponsored by *Lockheed Martin*
Guest Speaker: William Gerstenmaier, Associate Administrator, Human
 Exploration and Operations Mission Directorate,
 NASA Headquarters
- Announcement of Student Poster Awards**
 Presentation of Ordway Awards
- 2:30 pm **Adjourn**

27th ANNUAL WERNHER VON BRAUN MEMORIAL CELEBRATION

- Davidson Center at the US Space & Rocket Center

5:30 pm **Reception**

7:00 pm **Dinner** Special Guest Speaker: Mike Massimino

**Note: The dinner is a separate event and is not included as part of the symposium registration.
For information on the dinner go to <http://spaceclubhsv.org/>**