American Astronautical Society

THE 14TH ANNUAL

WERNHER VON BRAUN MEMORIAL SYMPOSIUM

United: A Foundation Delivered, The Future Enabled

October 12-14, 2021

The University of Alabama in Huntsville

in conjunction with

NASA Marshall Space Flight Center

National Space Club - Huntsville

The University of Alabama in Huntsville

American Astronautical Society

Imagine the Possibilities

The American Astronautical Society leads and advances the discussion around space.

Since 1954, AAS has been the premier network of current and future space professionals dedicated to advancing all space activities. The Society has long been recognized for the excellence of our national symposia, technical conferences, and publications and for our impact on shaping the U.S. space program. AAS members have opportunities to meet and connect with leaders in the space industry to exchange information and ideas, discuss career aspirations, and expand their knowledge and expertise.

The American Astronautical Society: Connections. Insight. Credibility. Leadership.

Learn more at: astronautical.org

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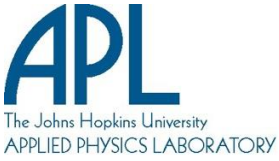

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Tuesday, October 12 *All times Central Daylight Time*

1:30 pm **Opening Remarks**

- **Alan DeLuna**, President, American Astronautical Society
- **Dr. Darren Dawson**, President, The University of Alabama in Huntsville
- **Jody Singer**, Director, NASA Marshall Space Flight Center

2:00 pm **SLS: Expanding the Exploration Envelope**

- **Doug Cooke**, NASA Associate Administrator for Exploration (Ret.)
- **Michael Paul**, Space Systems Development Program Area Manager, JHU/APL
- **Rob Stough**, Payload Utilization Manager, NASA Marshall

3:00 pm **Break**

3:30 pm **Keynote Speaker**

- **Jim Reuter,** Associate Administrator, NASA Space Technology Mission Directorate

4:00 pm **Artemis Innovations: Where Technology Meets Mission Needs**

- **John Dankanich**, Center Chief Technologist, NASA Marshall (Moderator)
- **Bonnie Dunbar**, Professor, Aerospace Engineering, Texas A&M
- **Andres Martinez**, Program Executive, Advanced Exploration Systems, HEOMD, NASA
- **Chris Moore**, Exploration Capabilities Program Manager, Advanced Exploration Systems Division, NASA HQ
- **Niki Werkheiser**, Director, Technology Maturation, NASA

5:00 pm **Keynote Speaker:**

- **Kathy Lueders,** Associate Administrator, NASA Space Operations Mission Directorate

5:30 pm **Opening Reception and Student Poster Contest**

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Wednesday, October 13 *All times Central Daylight Time*

7:00 am **Networking Breakfast**

8:00 am **Countdown to Artemis I: The Human Return to Deep Space**

- **Amit Kshatriya**, Assistant Deputy Associate Administrator for Exploration Systems Development, NASA (Moderator)
- **John Honeycutt**, SLS Program Manager, NASA Marshall
- **Paul Marshall**, Assistant Program Manager, Orion Program, NASA Johnson Space Center
- **Jeremy Parsons,** Deputy Manager, Exploration Ground Systems Program, NASA Kennedy Space Center

9:00 am **Crossroads: Intersecting Science and Exploration**

- **Daniel Schumacher**, Retired Manager, Science & Technology Office, NASA Marshall (Moderator)
- **Kathy Byars**, Payload Operations Director, NASA
- **Les Johnson,** NEA Scout Pl, NASA Marshall
- **Renee Weber**, Chief Scientist, NASA Marshall
- **Mike Zanetti**, Planetary Scientist, NASA Marshall

10:00 am **Break**

10:20 am **The Big Push: Developments in Space Nuclear Propulsion**

- **Dayna Ise**, Manager, Space Nuclear Propulsion, NASA Marshall (Moderator)
- **Pete Pappano**, President, TRISO-X
- **Kate Kelly**, Product Line Manager, BWXT
- **Paolo Venneri**, CEO/Director, USNC-Tech

11:20 am **Leadership Perspectives with Center Directors**

- **Clayton Turner**, Center Director, NASA Langley Research Center (Moderator)
- **Marla Pérez-Davis**, Center Director, NASA Glenn Research Center
- **Janet Petro**, Center Director, NASA Kennedy Space Center
- **Jody Singer**, Center Director, NASA Marshall Space Flight Center
- **Vanessa Wyche**, Center Director, NASA Johnson Space Center

12:45 pm **Luncheon Keynote and Awards**

- **Robert Cabana,** Associate Administrator, NASA

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Thursday, October 14 *All times Central Daylight Time*

8:30 am **Networking Breakfast**

9:30 am **VBExtra**

- Student Poster Contest Winner: **Emily Wood** with **Pete Paceley**

9:50 am **Policy and Regulation: You Can't Leave Home Without It**

- **Frank Slazer**, President & CEO, Coalition for Deep Space Exploration (Moderator)
- **Andrew Bunker,** Director of Government Operations, United Launch Alliance
- **Karina Drees**, President, Commercial Space Flight Federation
- **Wayne Monteith**, Associate Administrator, Office of Commercial Space Transportation, FAA
- **Janice Starzyk**, Vice President, Government Operations, Virgin Orbit

10:50 am **Break**

11:10 am **VBExtra: Human Landing System**

- **Lisa Watson-Morgan,** HLS Program Manager, NASA

11:30 am **Funding Space Commerce**

- **Jason Greene,** Dean, UAH College of Business (Moderator)
- **Carissa Christensen,** Chief Executive Officer, BryceTech
- **Jeff Matthews,** Specialist Leader, Deloitte
- **Bill Read,** Chief Financial Officer, Redwire
- **Eric Stallmer,** Executive Vice President for Government Affairs and Public Policy, Voyager Space Holdings Inc.

12:30 pm **Luncheon Keynote**

- **Jim Free,** Associate Administrator, NASA Exploration Systems Development Mission Directorate

**Speakers and times are subject to change.*

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Thank you to the 2021 Planning Committee

Committee Co-Chairs:
Debbie Batson – Teledyne Brown Engineering
Wes Brown – NASA Marshall Space Flight Center
Pete Paceley – Draper

Terry Abel – Lockheed Martin Corporation
Carla Bossard – Aerojet Rocketdyne
Dave Burks – The Boeing Company
Kelsey Cadow – AAS
Brendan Curry – The Planetary Society
Alan DeLuna – AAS
Abbey Dickes – Maxar
Mark Fisher – Dynetics
Martin Frederick – Northrop Grumman
Jason Greene – UAH
Becky Griffin – Rebecca Griffin Space
Abigail Howard – AAS
Jeff Irons – ironSclad Solutions, Inc.
Andy Johnston – Jacobs Space Exploration Group
Diana King – NASA MSFC
Tom Koshut – UAH
Tracy Lamm – Lockheed Martin
Darin Lindon – KBR
Pat Maloney – The Aerospace Corporation
Lisa Mitchell – Jacobs Space Exploration Group
Kathy Nado – NASA HQ
Mary Occhipinti – Moog
Dorothy Rasco – Ball Aerospace
Charles Scales – Sierra Lobo
Dan Schumacher – Torch Technologies
Charlie Stegemoeller – SAIC
Dale Thomas – UAH
Mike Ward – Chamber of Commerce of Huntsville and Madison County
Jim Way – AAS

Thank you for attending the Wernher von Braun Memorial Symposium!

Please join us at our next event:

59th Annual Robert H. Goddard Memorial Symposium
March 16-18, 2022 | astronautical.org/goddard

American Astronautical Society

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