AAS GODDARD
SPACE SCIENCE
SYMPOSIUM

Space 2040: Pathways to the Future
March 20-22, 2024
College Park, Maryland

An American Astronautical Society Symposium
In conjunction with:
NASA Goddard Space Flight Center
University of Maryland

American Astronautical Society

Most Up-to-Date Program:

[QR Code]
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.


Learn more at: astronomical.org
Thank You to Our Sponsors

Media Sponsor

In Conjunction With

NASA Goddard Space Flight Center

UNIVERSITY OF MARYLAND
Wednesday, March 20

1:00 pm Opening Remarks
- Ron Birk, President, American Astronautical Society
- Makenzie Lystrup, Director, NASA GSFC

1:20 pm Cislunar Grand Vision
- Wes Fuhrman, Senior Professional Staff, JHU APL
- Alex MacDonald, Chief Economist, NASA
- Dennis Paul, Senior Project Leader, The Aerospace Corporation
- Niki Werkheiser, Director, Technology Maturation, NASA

2:20 pm The Strongest Footing: The Future Space Workforce
- Veronica Perrigan, Director, Engineering Career Services, University of Maryland (Moderator)
- Sean Chait, Program Manager, Northrop Grumman
- Sadie Duffy, CEO, Astralis Technologies
- Eileen Liu, Flight Software Engineer, Quantum Space

3:20 pm Networking Break

4:00 pm Space Weather 2040
- Antti Pulkkinen, Director, Heliophysics Science Division, NASA GSFC (Moderator)
- Nicole Duncan, Strategic Planning Manager, Civil Space, Space & Mission Systems, BAE Systems, Inc.
- Lt Col Omar Nava, Chief, Space Weather and Environmental EM Effects, Weather Strategic Plans and Integration Division, U.S. Air Force Weather
- Mangala Sharma, Program Director, Space Weather, U.S. National Science Foundation
- Elsayed Talaat, Director, Office of Space Weather Observations, NOAA NESDIS

5:00 pm Keynote Speaker
- Nicola Fox, Associate Administrator, Science Mission Directorate, NASA HQ

5:30 pm Reception

7:00 pm Day 1 Concludes

Thursday, March 21

All times Eastern Daylight Time
12:30 pm  **Lunch w/ Keynote Speaker**
- Maj. Gen. John M. Olson, Mobilization Assistant to the Chief of Space Operations, Space Force

2:00 pm  **Collaborations in Earth and Climate Science**
- Dalia Kirschbaum, Director, Earth Science Division, NASA GSFC (Moderator)
- Miguel Román, Senior Director and Chief Scientist, Leidos
- Karen St. Germain, Director, Earth Science Division, NASA
- Stephen Volz, Assistant Administrator for Satellite and Information Services, NOAA

3:00 pm  **Plugging Into the Digital Toolbox**
- Christyl Johnson, Deputy Director, Technology & Research Investments, NASA GSFC (Moderator)
- Lynn Montgomery, Staff AI Research Engineer, Lockheed Martin
- Andrew Sullivan, Program Director, SAIC

4:00 pm  **Networking Break**

4:40 pm  **Lunar Surface Science**
- Joel Kearns, Deputy Associate Administrator for Exploration, NASA (Moderator)
- Dan Hendrickson, Vice President of Business Development, Astrobotic
- Susan Lederer, Space Scientist, NASA
- Trent Martin, Senior Vice President, Space Systems, Intuitive Machines

5:40 pm  **Reception**

7:00 pm  **Day 2 Concludes**

**WIFI Information:**

[Scan QR Code]
Friday, March 22

8:00 am  Networking Breakfast

8:45 am  Focusing on Habitable Worlds
- Aki Roberge, Associate Director for Technology and Strategy, Astrophysics Science Division, NASA GSFC (Moderator)
- Mark Clampin, Director Astrophysics Division, Science Mission Directorate, NASA
- Courtney Dressing, Associate Professor, Astronomy Department, UC Berkeley, Co-Chair, NASA START Committee
- Matthew East, Lead Mission Architect, L3Harris
- Jean Toal Eisen, Vice President Corporate Strategy, AURA

9:30 am  Goddard+ Speaker
- David Grinspoon, Senior Scientist for Astrobiology Strategy, NASA

9:45 am  Stepping Out: Planning Interplanetary Missions
- Carolyn Mercer, Chief Technologist, Science Mission Directorate, NASA (Moderator)
- Jim Garvin, Chief Scientist, NASA GSFC
- Lori Glaze, Director, Planetary Science Division, NASA HQ
- Jonathan Lunine, Chair, Department of Astronomy, Cornell University
- Lisa May, Deep Space Exploration Strategy Lead, Commercial Civil Space, Lockheed Martin

10:45 am  Networking Break

11:15 am  Special Delivery: The Future of Sample Return
- Pete Antreasian, Navigation Team Chief NASA’s OSIRIS-Rex Project, KinetX (Moderator)
- Rich Burns, Project Manager, OSIRIS-Rex, NASA GSFC
- Daniel Glavin, Senior Scientist for Sample Return, Solar System Exploration Division, NASA
- Dana Hurley, Planetary Scientist, Artemis III Geology Team, JHU APL

12:15 pm  Luncheon with Keynote Speaker
- Dante Lauretta, OSIRIS-Rex Principal Investigator, Regents Professor, the University of Arizona

1:45 pm  Day 3 Concludes

Any Updates to the Program Will Be Available at astronautical.org/Goddard

– Goddard Space Science Symposium –
Thank you to the 2024 Planning Committee

Committee Co-Chairs:
Steven Arnold – Johns Hopkins University Applied Physics Laboratory
Michelle Thaller – NASA Goddard Space Flight Center

| Debbie Batson – Teledyne Brown |
| Darrell Dela Rosa – NASA GSFC |
| Jeremy Fehrenbacher – Moog |
| Alison Flatau – Univ. of Maryland |
| Mike Fox – Maxar |
| Ed Grigsby – NOAA |
| Lewis Groswald – Lockheed Martin |
| Andy Hoskins – Aerojet Rocketdyne |
| Andrew Hyche – Boeing |
| Alek Krautmann – NOAA |
| Jim McAdams - KinetX |
| Gus Miller – Blue Origin |
| Mayra Montrose – L3Harris |
| Bruce Morris – Sierra Space |
| Evan Petrone – BAE Systems |
| Liana Porte – AAS Staff |
| Juan Roman – SAIC |
| Ben Shelton – Argo Navis |
| Marta Szotakova – AAS |
| Kelly Turner – NOAA |
| Geoff Wawrzyniak – KBR |
| Jim Way – AAS |
| Pamitha Weerasinghe – Maxar |
| Rita Wilcoxon – Leidos |
| Crystal Wood – Northrop Grumman |
| Alex Young – NASA GSFC |

Thank you for attending the Goddard Space Science Symposium!

Please join us at our next event:

6th Glenn Space Technology Symposium
July 15-17, 2024 | Case Western Reserve University, Cleveland, Ohio
astronautical.org/glenn

Founded in 1954, The American Astronautical Society is the premier network of current and future space professionals dedicated to advancing all space activities.

AAS has long been recognized for the excellence of its national meetings, technical meetings, symposia, and publications and for their impact on shaping the U.S. space program. Members have opportunities to meet with leaders in their field and in related disciplines, exchange information and ideas, discuss career aspirations and expand their knowledge and expertise.

astronautical.org
WE GET AROUND

Our journalists get around, and so does the magazine.

Reach new heights with upcoming print & digital opportunities:

Contact your SpaceNews representative today:
Paige McCullough • pmccullough@spacenews.com
Kamal Flucker • kflucker@spacenews.com