

SPACE TECHNOLOGY INDUSTRY-GOVERNMENT- UNIVERSITY ROUNDTABLE (STIGUR) SPRING MEETING

August 13, 2025

Hybrid Meeting

In Person at the Keck Center, 500 5th Street NW, Washington, DC | Room 100

Online via Zoom and Livestream

WEDNESDAY, AUGUST 13, 2025

OPEN SESSION

Livestream: <https://vimeo.com/event/5294275>

CLICK HERE TO JOIN

8:45 AM Meeting Room Opens to Public

9:00 AM Exploration Systems Development Mission Directorate (ESDMD) Strategy & Technology Needs Overview
(35 minute presentation & 25 minute discussion period)

Dr. Lori S. Glaze, Acting Assoc. Administrator, NASA ESDMD
Ms. Nujoud Merancy*, Deputy Assoc. Administrator, Strategy & Architecture Office, NASA ESDMD

10:00 AM Space Technology Mission Directorate (STMD) Status Update
(35 minute presentation & 25 minute discussion period)

Dr. Clayton P. Turner
Associate Administrator
NASA STMD

11:00 AM Break *(15 minutes)*

11:15 AM Discussion on STMD, ESDMD, and External Coordination Opportunities
Description: In an era of increased focus on exploration, ESDMD further elaborates on technology needs, STMD discusses approaches for technology transition to exploration missions, and roundtable members discuss avenues for external stakeholders to contribute.
(45 minute discussion period)

12:00 PM Working Lunch for Members, Speakers, and Staff *(60 minutes)*

STIGUR Spring 2025 Meeting
August 13, 2025

1:00 PM

Panel: Public-Private Partnerships (PPPs) for Space Technology

Panel Description: What are the critical considerations for developing and sustaining successful public-private partnerships? How should these be applied to space technology development and the transition to application?

(10 minute presentations & 50 minute discussion period)

Panelists: **Mr. Chad Anderson**, CEO & Founder, Space Capital*
Dr. Bobby Braun, Head of Space Exploration, Johns Hopkins University Applied Physics Laboratory
Mr. Eric Lasker, Chief Revenue Officer, Varda Space*
Dr. John Olson, Special Government Employee, Defense Innovation Unit

2:30 PM

Break *(15 minutes)*

2:45 PM

Panel: Surface Power for Exploration and Surface Operations

Panel Description: What are the key opportunities and barriers for surface power technologies in space exploration, particularly for missions to the Moon and Mars? Are they amenable to PPPs?

(10 minute presentations & 50 minute discussion period)

Panelists: **Dr. Christina Back**, VP Nuclear Technologies & Materials, General Atomics*
Mr. Dan Hendrickson, VP Business Development, Astrobotic Technology
Mr. Stephen Indyk, Director of Space Systems, Honeybee Robotics*
Mr. Tom Nugent, CTO & Co-Founder, PowerLight*

4:15 PM

Break *(15 minutes)*

4:30 PM

Comments, Feedback, & Next Steps

(30 minute discussion period)

Dr. Roger M. Myers, STIGUR Chair
Dr. Clayton P. Turner, NASA STMD

5:00 PM

Meeting Adjourns

IMPORTANT NOTES

Presenters:

- Please do not include unpublished data, ITAR-controlled or sensitive information in your presentation.
- A National Academies Board staff member will ask you to sign a form before the meeting allowing us permission to use your likeness and presentation for our livestream video, which will be posted on our Board website after the meeting. Please get in touch with us before the meeting if you have any concerns about this usage.

Board Members and Presenters:

- Remote access will be provided through Zoom. This will allow you to participate in the meeting even if you can't be physically present.
- Please note that Zoom allows audio and any materials exchanged or viewed during the session to be recorded and shared.
- By participating in this activity, you agree to let your voice, likeness, and any materials you provide be recorded for use and dissemination. This includes any language, format, or media now known or later devised.
- You release the National Academies of Sciences, Engineering, and Medicine from any and all claims, liability, or damages arising from any such use. If you disagree, please do not join the session.

Members of the General Public:

- Remote access will be provided through a live stream on Vimeo. This will also be publicly available and posted on the Board website. You do not need to register.

Thank you all for your cooperation, and we look forward to a successful meeting.