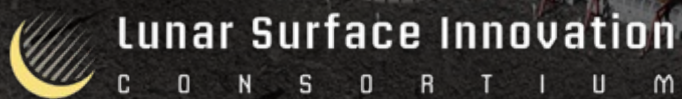


LSIC Surface Power Telecon

October 27th, 2022

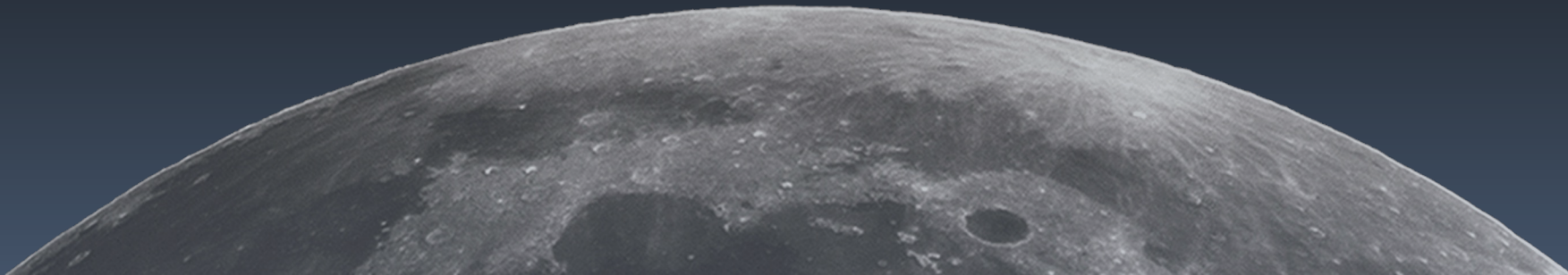
Begins at 11:03



Sean A. Q. Young, Ph.D.
Johns Hopkins Applied Physics Laboratory
Space Exploration Sector

sean.a.young@jhuapl.edu

- Community Updates
 - Solicitations and Awards
 - Conferences/Workshops
- Annette Dolbow - Power Integration and Testing Perspectives
- Lee Mason & Jeff Csank - A Notional Concept for Testing Distributed Lunar Power Systems



Space Tech Solicitations (<https://www.nasa.gov/directorates/spacetech/solicitations>)

NASA Space Technology Graduate Research Opportunities (NSTGRO) solicitation

Due November 2nd

Space Technology Research Institutes (STRI)

Full proposals due: November 3, 2022

Break the Ice Lunar Challenge Phase 2

Submission deadline: November 4, 2022

Announcement for Partnership Proposals (AFPP) to Advance Tipping Point Technologies

Final proposals due: November 22, 2022

Space Technology Announcement of Collaboration Opportunity (ACO)

Final proposals due: November 22, 2022

DARPA Space Power Conversion Electronics (SPCE)

Proposals due on December 6

NASA Innovative Advanced Concepts (NIAC) 2022 Phase II Call for Proposals

Proposal due December 15, 2022

- **November 2-3, 2022**
- University of Texas-El Paso
- Focus will be on how the 6 Focus Areas relate to Excavation and Construction.



Credit: UTEP

<https://lsic.jhuapl.edu/Events/Agenda/index.php?id=350>





NASA's Science Mission Directorate (SMD) and the Space Technology Mission Directorate (STMD) are pleased to announce a workshop to facilitate collaboration between lander and rover providers and technology developers to share technologies that can enable survival through the lunar night.

Registration is now open!!!

- In-person deadline (non-US Citizen): **October 31, 2022**
- In-person deadline (US Citizen): **November 22, 2022**
- All virtual registration will remain open through **December 8, 2022**

<https://www.hou.usra.edu/meetings/clps2022/>

LSIC | Upcoming Meetings and Workshops



AIAA SciTech

January 23-27, National Harbor, MD + Virtual

FAA Commercial Space Transportation Conference

February 8-9, Washington, DC

IEEE Aerospace Conference

March 4-11, Big Sky, MT

Lunar and Planetary Science Conference

March 13-17, The Woodlands, TX

Applied Power Electronics Conference

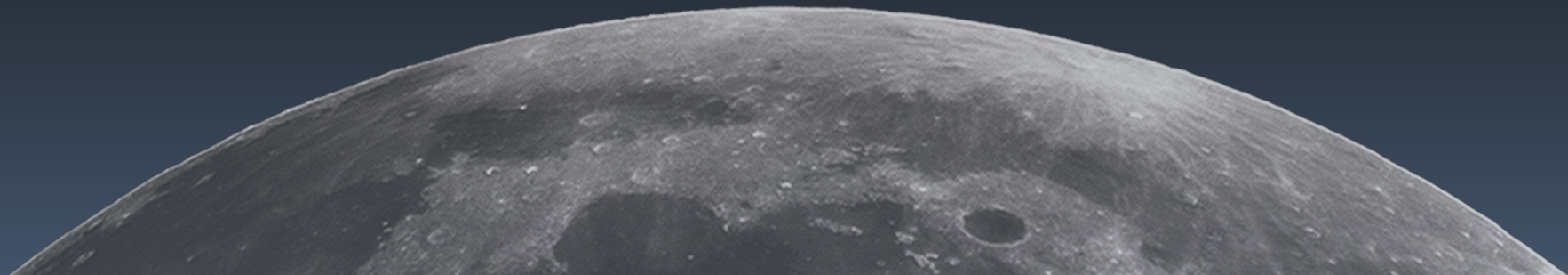
March 19-23, Orlando, FL

More complete calendar on LSIC website, email with additional events!

Due to the upcoming holidays, the next telecon will take place on **Thursday December 1, 2022 at 11:00AM ET.**

Rough Agenda:

- **Surface Power Year in Review**
- **Surface Power New Year's Resolutions**



Power Integration and Test Perspectives

Annette Dolbow

Johns Hopkins Applied Physics Laboratory

Space Exploration Sector

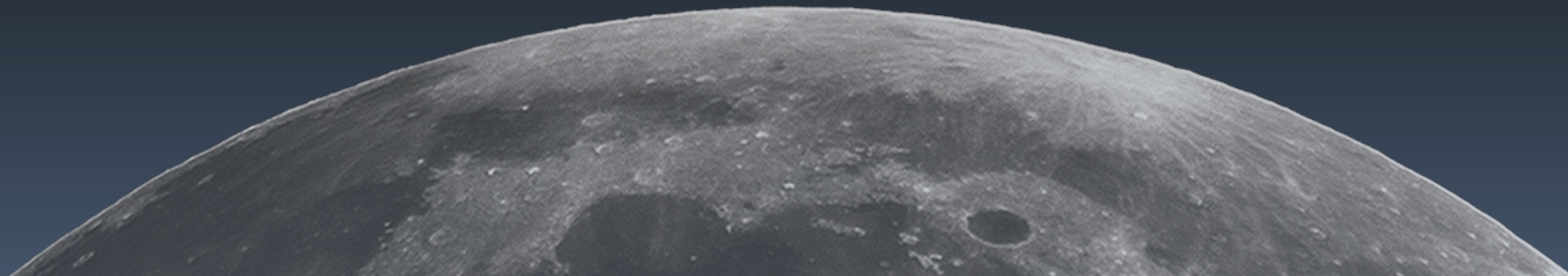
Integration and Test Group



A Notional Concept for Testing Distributed Lunar Power Systems

Lee Mason
NASA Glenn Research Center

Jeff Csank
NASA Glenn Research Center





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APPLIED PHYSICS LABORATORY

