LSIC Excavation and Construction Monthly Meeting
http://lsic.jhuapl.edu/

June 22, 2022

Athonu Chatterjee
Claudia Knez
Jibu Abraham
Michael Nord
Sarah Hasnain
Friendly Reminders

• Recordings will be posted on our website.
  (http://lsic.jhuapl.edu/Focus-Areas/Excavation-and-Construction.php)

• Please post your questions in ‘chat’.

• Mute yourself if you are not speaking.
Today’s Agenda

• LSIC, NASA updates and news.

• Reeves Heinis (APL): Slido session on how LSIC and NASA can meet your needs.

  - NASA HQ Chief Exploration Scientist, Lunar Surface System lead, and Altair lunar lander Deputy Project Manager.
Break the Ice Challenge, Phase 2

https://breaktheicechallenge.com/

$3 MILLION IN TOTAL PHASE 2 PRIZES!

REGISTER FOR PHASE 2 BY SEPTEMBER 30, 2022

ATTEND THE PHASE 2 OVERVIEW AND Q&A WEBINAR!

JOIN THE NASA TEAM IN A LIVE ZOOM TO LEARN MORE ABOUT BREAK THE ICE LUNAR CHALLENGE.

Webinar Date: July 12, 2022 02:00-03:00 PM CT

The specific NASA technology gaps that Phase 2 aims to address include:

- Excavate large quantities of icy regolith
- Delivery of large quantities of acquired resources
- Hardware and equipment that is lightweight and energy efficient
- Hardware and equipment that is reliable and durable
NASA Updates

• SBIR/STTR reviews complete.
  - Received some great proposals.

• In the midst of Tipping Point reviews.
Submit abstracts in the “Space Resources: Mining and Processing” session

- Abstract due by August 1, 2022.
- The topics may include but not limited to:
  - Technical and legal challenges and solutions related to mining and processing of space resources
  - Moon mining
  - Cutting-edge technologies and research
  - Any other topics related to space resources

www.smeannualconference.com
LSIC | LSIC MOSA Working Group July Telecon

MOSA Monthly Telecon: July 13th 11:00 ET

Speaker: Dr. Brian Weeden, Executive Director of CONFERS & Director of Program Planning for the Secure World Foundation

Topic: Overview of the Consortium for Execution of Rendezvous and Servicing Operations (CONFERS)

Abstract:
• CONFERS was initiated in October 2017 by the Defense Advanced Research Projects Agency (DARPA) under the US Department of Defense to:
  • Advocate and promote on-orbit satellite servicing, including but not limited to maintenance, repair, assembly, manufacturing, and inspection
  • Develop industry-led standards that contribute to a sustainable, safe, and diverse space economy
  • Engage with governments on policy and oversight of satellite servicing activities
• This presentation will include discussion on background, organization structure, approach to standards, etc.

Zoom Link for July 13th 11:00 ET: https://jhuapl.zoomgov.com/j/1606031882?pwd=UzhjWmRTWnVsb3I1ak9FekhQK3JkUT09
Today’s Agenda

• LSIC updates and news.

• Reeves Heinis (APL): Slido strategizing session on how LSIC and NASA can meet your needs.

  - NASA HQ Chief Exploration Scientist, Lunar Surface System lead, and Altair lunar lander Deputy Project Manager.
Backup