Lunar Surface Innovation CONSORTIUM

NASA

APL JOHNS HOPKINS APPLIED PHYSICS LABORATORY

The LSIC Facilities Directory

A Searchable Facilities Directory to Spur Innovation, Technological Advancement, and Team Building

Josh Cahill (APL), Kristen John (NASA), Andrea Harman (APL), and Jacquelyn Black (NASA)

The Need

- To return to the Moon with the most advanced technologies during Artemis, knowledge of, and access to, appropriate testing facilities is critical.

- NASA and LSIC have heard this need conveyed by the LSIC community and have begun working together to provide some informational support.

- Beginning by gathering searchable knowledge

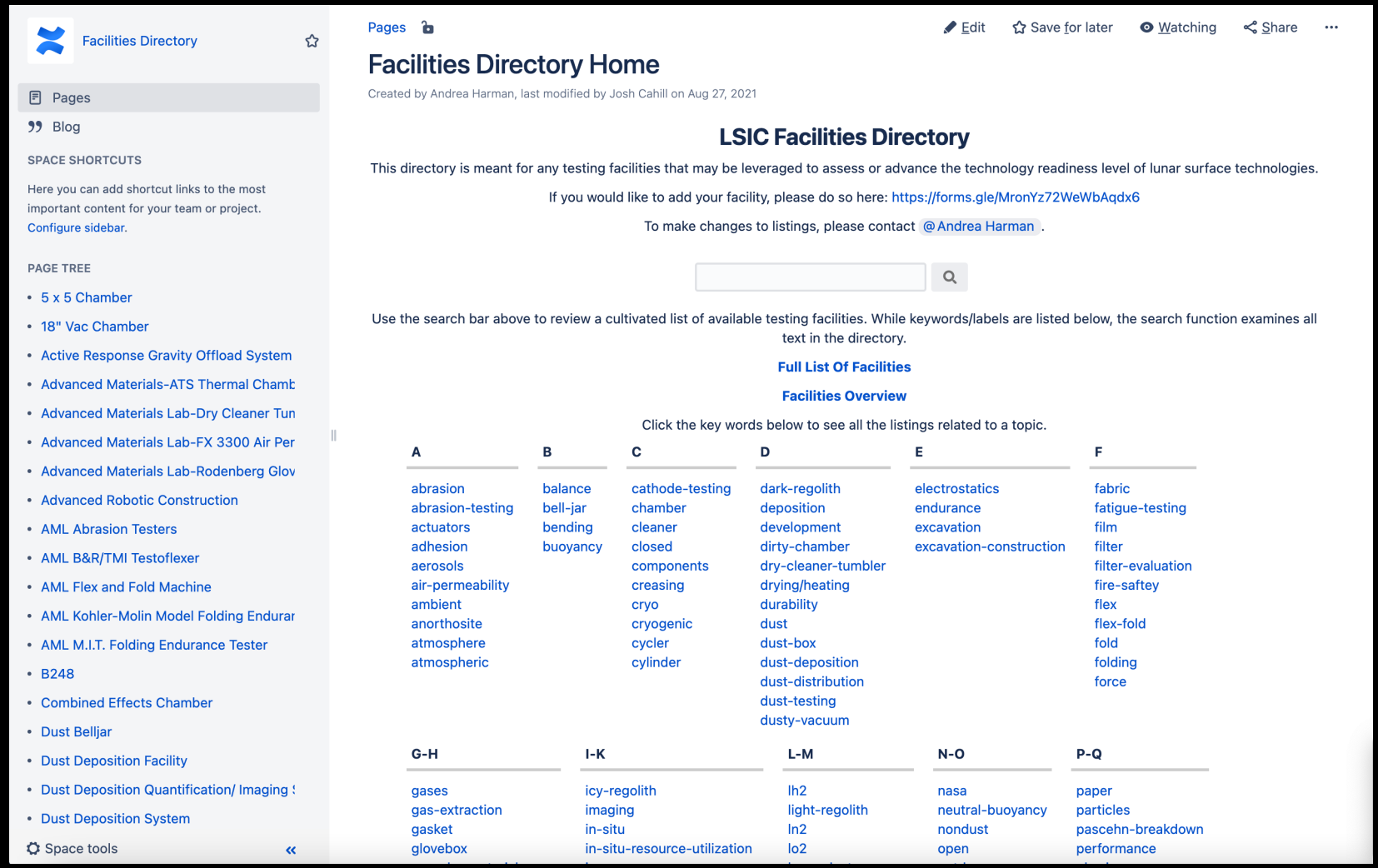
NASA Facilities

- Dr. Kristen John and Jaquelyn Black managed to:
  - Collect ~150 NASA facilities and POC's focused upon dust mitigation
  - Have been gathering POC permission to list publicly as potentially available to be utilized.

- LSIC has been:
  - Creating and populating a searchable interface on LSIC Confluence Wiki (password protected)
  - And will be placing a call out to the larger LSIC community for additional commercial, academic, government, and non-profit facilities.

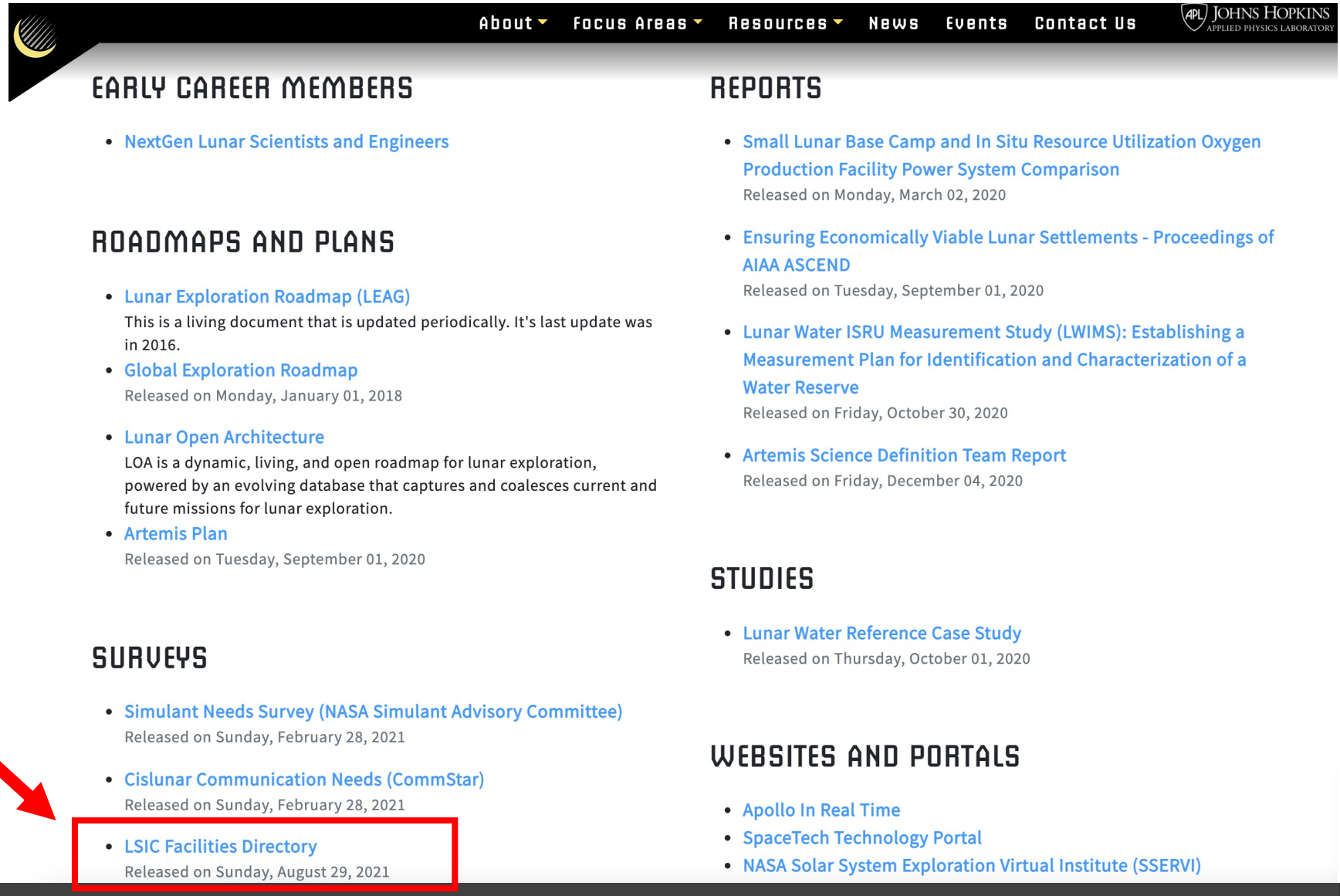
LSIC Facilities Directory Interface

- Directory is organized by keywords/labels
- But, is also full listing searchable (not dependent upon selected keywords/labels)
- Currently ~75 facilities; Working on getting approval for an additional 75 facilities
- Most consist of dust mitigation led facilities
- Calling for EE focused facilities here



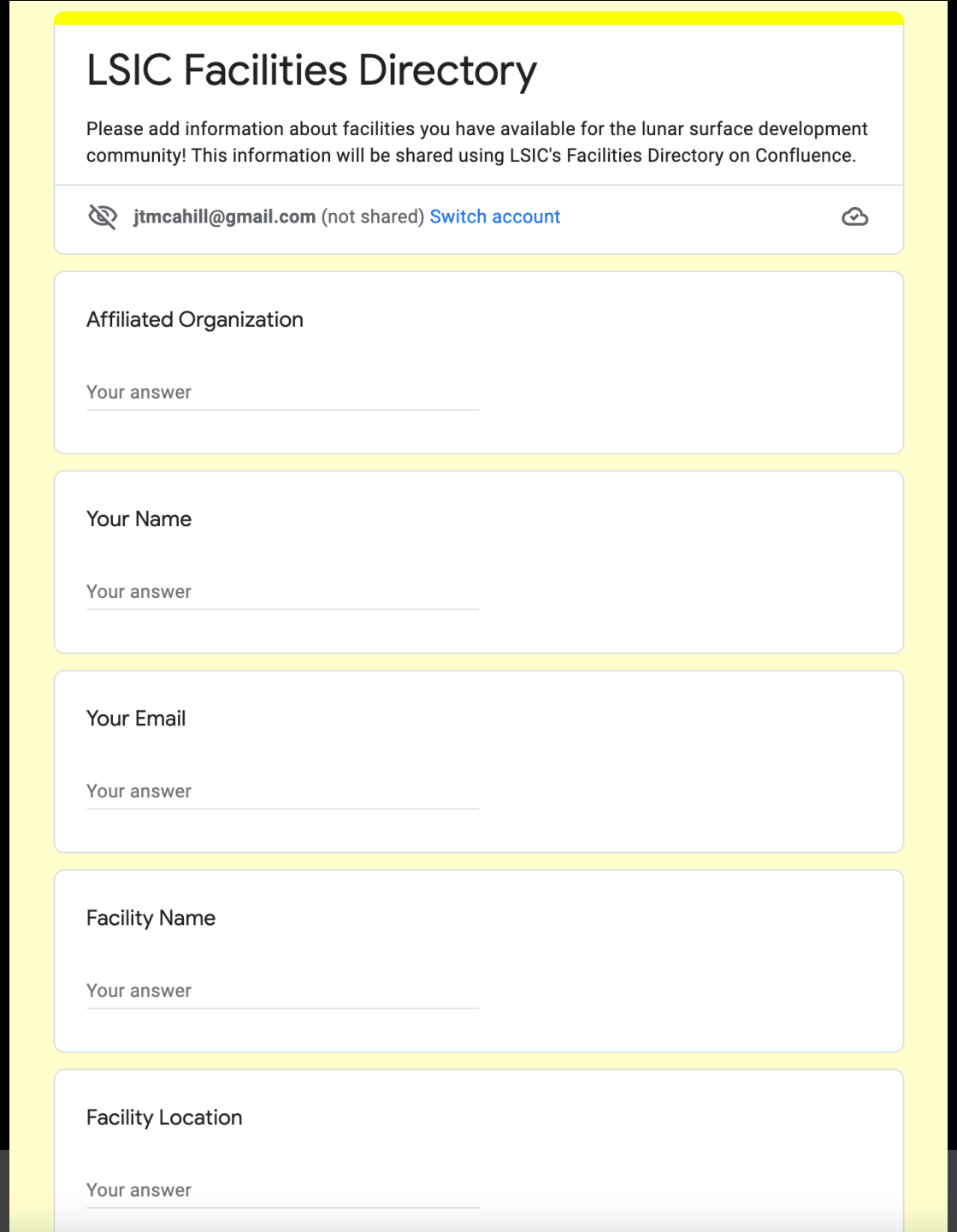
How Does A Facility Get Listed?

- Fill out the Facilities Survey!
- Find under path: Resources > Community > Surveys



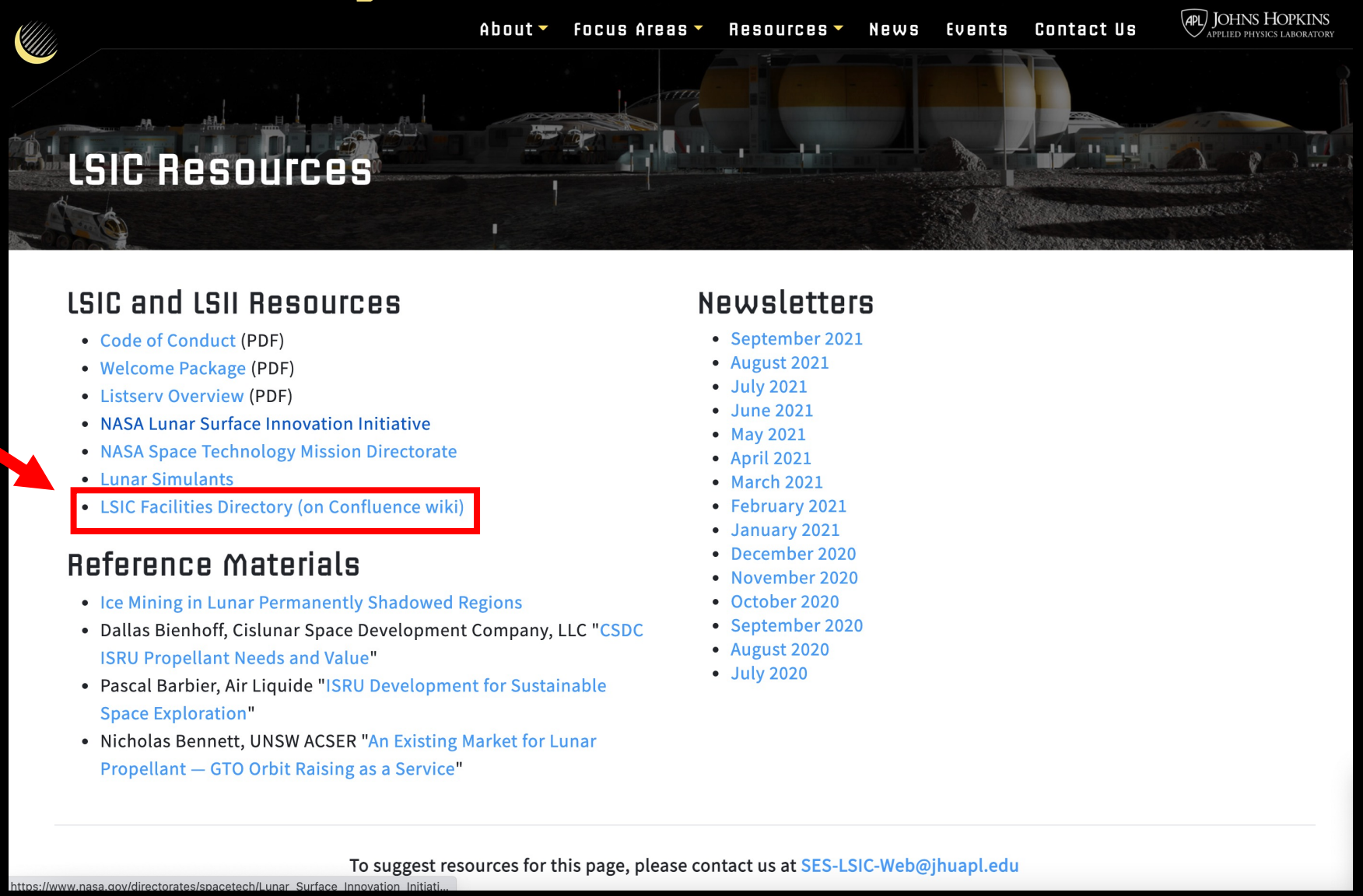
Directory Questionnaire

- Questionnaire Link: https://forms.gle/MronYz72WeWbAqdx6
- Details on each facility, its location, availability, scheduling, pricing, etc, as well as a Point of Contact and e-mail address
- Listing is Free



Getting to the Directory Itself

- Resources > LSIC Resources > LSIC and LSII Resources
- Link: https://lsic-wiki.jhuapl.edu/x/HINf
- Password protected
- Contact Andrea Harman if you are a member of LSIC and would like an account



LSIC Home

Pages
Blog

SPACE SHORTCUTS

Here you can add shortcut links to the most important content for your team or project.
Configure sidebar.

PAGE TREE

- Focus Group - Guest Speaker Schedule
- Focus Group Leads
- Funding Opportunities
- Open Positions
- Internal Event Planning
- LSIC Administration
- Newsletters
- Wiki Suggestion Box
- Who's Who - Main
- Resources & Library - Main
- 2021 Fall Meeting Abstracts

LSIC Home

Created by Andrea Harman, last modified by Josh Cahill on Sep 01, 2021

Confluence Training Sessions
If you're just getting to know Confluence, please contact @Andrea Harman for support and training.

Focus Areas

Dust Mitigation (DM)	**Excavation & Construction (E&C)**	**Extreme Access (EA)**
Extreme Environments (EE)	**In Situ Resource Utilization (ISRU)**	**Surface Power (SP)**

Visit LSIC's external website here: **lsic.jhuapl.edu**
Visit LSIC's LinkedIn site here: **https://www.linkedin.com/groups/13861869/**
LSIC's code of conduct for members is available **here**.

Tools & Resources

Lunar Simulants Working Group
LSIC Facilities Directory

LSIC-Wide Events

2021 Spring Meeting
2020 Fall Meeting

Recent Space Activity

News & Announcements


Lunar Surface Innovation
C O N S O R T I U M