



Lunar Surface Innovation

C O N S O R T I U M

Extreme Environments Focus Group June Meeting

June 14, 2022

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Today's Agenda

- LSIC Updates
- Next 2 Month Agenda for EE
- EE User Feedback
- Featured Presentations (Tom McCarthy)
 - Extreme Environments Technologies
- Open floor

LSIC Updates

Lunar Community Meetings

- *IEEE Nuclear & Space Radiation Effects Conference (NSREC)*
 - Event Date: July 18-22, 2022 in Provo, Utah
 - <https://www.nsrec.com/>
- AIAA ASCEND 2022
 - Call for Content Deadline: March 31, 2022
 - Event Date: October 24-26, 2022 (hybrid)
 - <https://www.ascend.events/2022>
- COSPAR 2022
 - Early Bird Registration Deadline: April 29, 2022
 - Event Date: July 16-24, 2022 in Athens, Greece
 - <https://www.cosparathens2022.org/>
- NASA Exploration Science Forum
 - Event Date: July 19 - 21, 2022 in Boulder, Colorado
 - Registration Deadline: July 11
 - <https://sservi.nasa.gov/nesf2022/>

LSIC Updates

Lunar Community Meetings (Continued)

- Intelligent Systems Workshop
 - Event Date: July 26-27, 2022 in College Station, TX
 - https://aiaa-istc.github.io/2022_IS_Workshop.html
- International Astronautical Congress
 - Event Date: September 18 – 22, 2022 in Paris, France
 - <https://www.iafastro.org/events/iac/iac-2022/technical-programme/>

LSIC Updates

Funding Opportunities

- NASA Innovative Advanced Concepts (NIAC) 2023 Phase I Call for Proposals
 - June 2022
 - <https://www.nasa.gov/content/apply-to-niac>
- Space Technology Announcement of Collaboration Opportunity (ACO)
 - Final proposals due: July 28, 2022
 - <https://nspires.nasaprs.com/external/solicitations/summary.do?solId={A9C79925-6F41-69E8-4BE0-5325903D777C}&path=&method=init>
- Space Technology Research Institutes (STRI) Solicitation
 - Preliminary Proposals Due: 03 August 2022 - Invited Full Proposals Due 03 November 2022
 - <https://nspires.nasaprs.com/external/solicitations/summary/init.do?solId=%7b000FAF75-9F37-814C-AC23-A21022A96037%7d&path=open>

Please visit LSIC website for full list

<http://lsic.jhuapl.edu/Resources/Funding-Opportunities.php>

Next 2 Month Agenda for EE

- July, 2022
 - Crosstalk with regolith, radiation, and E&C
 - Topic: Using regolith as radiation shielding
 - Panel to include: regolith properties, radiation transport, testing, and current studies
 - Date: TBD
- August 9, 2022
 - Spacecraft Contamination Modeling
 - Speaker: Lubos Brieda



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