

Vacuum and Exosphere Environment Updates

October 11, 2022

Stephen Indyk
Honeybee Robotics
sjindyk@honeybeerotics.com

Special Thanks to Our Monthly Meeting Contributors

- Melissa Roth
- Michael Poston
- Daoru Han
- Paul van Susante
- Hunter Rideout
- Karen Stockstill-Cahill
- Jamie Porter



Vacuum and Exosphere Meeting Progress

- **Next Meeting: *October 27th, 12-1pm EDT (9-10am PDT)***
- **Presentation: *Honeybee Robotics - Vacuum Chambers and Challenges***
 - **Marco Garcia, Test Manager for Exploration Technologies, Altadena, CA.**
- Continue to develop [Vacuum Chamber Testing Guidance Document](#)
 - Document to offer guidance on when, why and how to test using Lunar vacuum chambers
- Review of NASA Standard 1008
 - [“Classifications And Requirements For Testing Systems And Hardware To Be Exposed To Dust In Planetary Environments”](#)
- Findings related to:
 - Importance of documenting and providing standards and best practices
 - Data buys on engineering data and testing data for lunar mission/ instrument development
 - Value of monitoring the lunar environment prior and during the increase in landed lunar missions





Lunar Surface Innovation

C O N S O R T I U M

