2021 BIG IDEA FORUM LIVESTREAM AGENDA

Wednesday, November 17, 2021

10:00 – 10:15 AM   **Welcome and Introductions**

10:15 –11:15 AM   **University of Central Florida with Morphotonics**
Lunar Dust Mitigating Electrostatic micro-Textured Overlay (LETO)
Faculty Advisor: Dr. Lei Zhai

11:25 AM–12:25 PM   **Georgia Institute of Technology**
Hybrid Dust Mitigation Brush Utilizing EDS and UV Technologies
Faculty Advisors: Dr. Julie Linsey, Dr. Thomas Orlando, Dr. Edgar Glenn Lightsey, Dr. Zach Seibers, Dr. Micah Schaible

12:35 – 1:35 PM   **Brown University with Rhode Island School of Design**
Tufted Electrostatic Solution To Regolith Adhesion Dilemma (TEST-RAD)
Faculty Advisors: Dr. Rick Fleeter, Dr. Christopher Bull

1:35 – 2:15 PM   **Lunch Break**

2:15 – 3:15 PM   **Colorado School of Mines with ICON, Masten Space Systems, Adherent Technologies Inc., TexTech, and The Composite Applications Group**
Lunar In-Situ Landing/Launch Environment (LILL-E) Pad
Faculty Advisors: Dr. George Sowers, Dr. Christopher Dreyer, Dr. Kevin Cannon, Jason Ballard, Matthew Kuhns, Dr. Ronald Allred

3:25 – 4:25 PM   **Missouri University of Science & Technology with the University of Notre Dame**
Contaminant Ultrasonic Removal via Vibration Ejection from Solar cells (CURVES)
Faculty Advisors: Dr. Daniel Stutts, Dr. Faith Dogan, Dr. Ed Kinzel, Dr. Leslie Gertsch, Dr. Jonathan Kimball, Dr. Yezad Anklesaria

4:35 – 5:35 PM   **Washington State University**
Leidenfrost Dusting as a Novel Tool for Lunar Dust Mitigation
Faculty Advisors: Dr. Jacob Leachman, Dr. John McCloy, Dr. Konstantin Matveev

5:45 PM – 6:45 PM   **California Institute of Technology**
Habitat Orientable and Modular Electrodynamic Shield (HOMES)
Faculty Advisors: Dr. Soon-Jo Chung, Dr. Charles Elachi, Dr. Jason Kastner, Dr. Manan Arya, Dr. Michael Mello, Richard Abbott

Team presentations will be livestreamed at: https://livestream.com/viewnow/bigideachallenge
Teams' digital technical posters are viewable at: http://bigidea.nianet.org/2021-forum-results