

2024 FORUM AGENDA



All Team and Guest Presentations will take place in Salons DEF.
All times are listed in Central Time (CT).

MONDAY, JUNE 24, 2024

4:00 - 6:00 PM **Team Check-In, Poster Set-Up & Networking Event**
Grand Ballroom Pre-Function

TUESDAY, JUNE 25, 2024

7:15 - 8:25 AM **Breakfast**
Discovery, Atlantis, & Columbia Rooms

7:15 - 8:15 AM **Team Check-In & Poster Set-Up**
Grand Ballroom Pre-Function

8:30 - 8:45 AM **Welcome Remarks**

8:45 - 9:15 AM **HLS Program Guest Speaker**
Speaker TBD
Center TBD

9:20 - 10:05 AM **Texas A&M University**
Maroon Moon: Preliminary Surface Stabilization to Mitigate Lunar Plume Surface Interaction

10:05 - 10:20 AM **Morning Break**
Grand Ballroom Pre-Function

10:20 - 11:05 AM **University of Illinois, Urbana-Champaign**
HINDER: Holistic Integration of Navigational Dynamics for Erosion Reduction

11:10 AM - 12:15 PM **Colorado School of Mines**
Prudent Landers: Fresnel Lens Sintered Lunar Regolith Landing Pad

12:15 - 1:30 PM **Lunch**
Discovery, Atlantis, & Columbia Rooms

1:30 - 2:15 PM **Texas State University**
Numerical Simulation and Physical Validation of Regolith Ejecta During Plume Surface Interaction

2:20 - 3:05 PM **Ohio Northern University**
HuLC Smash

3:05 - 3:20 PM **Afternoon Break**
Grand Ballroom Pre-Function

3:20 - 4:05 PM **University of Michigan**
ARC-LIGHT: Algorithm for Robust Characterization of Lunar surface Imaging for Ground Hazards and Trajectory

4:05 - 4:10 PM **Wrap-Up & Announcements**

4:15 - 5:30 PM **Day 1 Poster Session**
University Teams 1-6
Grand Ballroom Pre-Function

6:30 - 8:00 PM **Group Dinner**
Discovery, Atlantis, & Columbia Rooms
(or Courtyard, weather permitting)

WEDNESDAY, JUNE 26, 2024

7:30 - 8:45 AM **Breakfast**
Discovery, Atlantis, & Columbia Rooms

8:55 - 9:00 AM **Welcome & Announcements**

9:00 - 9:45 AM **University of Colorado, Boulder**
Lunar Surface Assessment Tool (LSAT): A Simulation of Lunar Dust Dynamics for Risk Analysis

9:50 - 10:35 AM **The College of New Jersey**
TCNJ Adaptable Regolith Retention Program (TARRP)

10:35 - 10:50 AM **Morning Break**
Grand Ballroom Pre-Function

10:50 - 11:35 AM **Texas A&M University**
Synthetic Orbital Landing Area for Crater Elimination (SOLACE)

11:40 AM - 12:25 PM **Embry-Riddle Aeronautical University**
Plume Additive for Reducing Surface Ejecta and Cratering (PARSEC)

12:25 - 1:45 PM **Lunch**
Discovery, Atlantis, & Columbia Rooms

1:45 - 2:30 PM **University of California, San Diego**
MOON Pads: Microwave-Sintering Operations Of Nanophase-Iron Pads

2:35 - 3:20 PM **Embry-Riddle Aeronautical University**
Ceramic Research Advancement Technology at Embry-Riddle (CRATER)

3:20 - 3:25 PM **Wrap-Up & Announcements**

3:25 - 3:40 PM **Afternoon Break**
Grand Ballroom Pre-Function

3:45 - 5:00 PM **Day 2 Poster Session**
University Teams 7-12
Grand Ballroom Pre-Function

5:00 PM **Adjourn & Free Evening**

THURSDAY, JUNE 27, 2024

7:30 - 8:45 AM **Breakfast**
Discovery, Atlantis, & Columbia Rooms

9:00 AM - 12:00 PM **U.S. Space & Rocket Center Trip**
1 Tranquility Base, Huntsville, AL 35805

1:00 - 2:45 PM **Luncheon & Awards Ceremony**
Salons DEF

3:00 PM **Adjourn**