



# 2025 FORUM AGENDA

All Team and Guest Presentations will take place in Salons D, E & F.  
All times are listed in Central Time (CT).



## MONDAY, JUNE 23

4:00 - 6:00 PM

**Team Check-In, Poster Set-Up & Networking Event**

Grand Ballroom Pre-Function

## TUESDAY, JUNE 24

7:45 - 8:55 AM

**Breakfast**

Salons A, B & C

7:45 - 8:55 AM

**Late Team Check-In & Poster Set-Up**

Grand Ballroom Pre-Function

8:00 - 8:45 AM

**Judges' Meeting**

Satellite

9:00 - 9:15 AM

**Welcome Remarks**

9:15 - 9:45 AM

**Keynote Speaker: TBD**

9:50 - 10:35 AM

**University of Illinois, Urbana-Champaign**

**ECLIPSE: Efficient Cryogenic Low Invasive Propellant Supply Exchange**

Advisor: Vishwanath Ganesan

10:35 - 10:50 AM

**Morning Break**

Grand Ballroom Pre-Function

10:50 - 11:35 AM

**Ohio State University**

**Autonomous Magnetized Cryo-Couplers with Active Alignment Control for Propellant Transfer (AMCC-AAC)**

Advisor: John Horack

11:40 AM - 12:25 PM

**Jacksonville University**

**Cryogenic Complex: Cryogenic Tanks and Storage Systems - On the Moon and Cislunar Orbit**

Advisors: Gayl Angela Masson, Brian Kopp, James Simak, and Reza Sarraf

12:25 - 1:30 PM

**Lunch**

Salons A, B & C

1:30 - 2:15 PM

**Colorado School of Mines**

**MAST: Modular Adaptive Support Technology**

Advisor: Jennifer Erickson

2:20 - 3:05 PM

**The College of New Jersey**

**Cryogenic Orbital Siphoning System (CROSS)**

Advisor: Mohammed Alabsi

3:05 - 3:20 PM

**Afternoon Break**

Grand Ballroom Pre-Function

3:20 - 4:05 PM

**Embry-Riddle Aeronautical University, Prescott**

**Electrical Capacitance to High-resolution Observation (ECHO)**

Advisors: Siwei Fan and Ron Madler

4:10 - 4:55 PM

**California State Polytechnic University, Pomona**

**THERMOSPRING: Thermal Exchange Reduction Mechanism using Optimized SPRING**

Advisor: Frank Chandler

4:55 - 5:00 PM

**Wrap-Up & Announcements**

5:00 PM

**Adjourn & Free Evening**

## WEDNESDAY, JUNE 25

7:30 - 8:25 AM

**Breakfast**

Salons A, B & C

8:30 - 8:35 AM

**Welcome & Announcements**

8:35 - 9:20 AM

**Old Dominion University**

**Structural Tensegrity for Optimized Retention in Microgravity (STORM)**

Advisor: Colin Britcher

9:25 - 10:10 AM

**Jacksonville University**

**Cryogenic Fuel Storage and Transfer: The Human Interface - Monitoring and Mitigating Risks**

Advisors: Gayl Angela Masson, Brian Kopp, James Simak, and Reza Sarraf

10:10 - 10:25 AM

**Morning Break**

Grand Ballroom Pre-Function

10:25 - 11:10 AM

**Texas A&M University**

**Next-generation Cryogenic Transfer and Autonomous Refueling (NeCTAR)**

Advisors: John Connolly and Shirish Pandam

11:15 AM - 12:00 PM

**Massachusetts Institute of Technology**

**THERMOS: Translunar HEat Rejection and Mixing for Orbital Sustainability**

Advisors: George Lordos, Olivier de Weck, and Jeffrey Hoffman

12:00 - 1:10 PM

**Lunch**

Salons A, B & C

1:10 - 1:55 PM

**Washington State University**

**CYPRESS (CrYogenic Performance Refueling Safety System) Coupler for Liquid Hydrogen Transfer**

Advisor: Jacob Leachman

1:55 - 2:00 PM

**Wrap-Up & Announcements**

2:00 - 5:00 PM

**Poster Session for All Teams**

Grand Ballroom Pre-Function

5:00 PM

**Adjourn & Free Evening**

## THURSDAY, JUNE 26

7:30 - 8:45 AM

**Breakfast**

Salons D, E & F

9:00 AM - 12:00 PM

**U.S. Space & Rocket Center Trip**

1 Tranquility Base, Huntsville, AL 35805

1:00 - 2:45 PM

**Awards Ceremony Luncheon**

Salons D, E & F

2:45 PM

**Adjourn**