



2025 LIVESTREAM SCHEDULE

<https://vimeo.com/event/5148501>

All times are listed in Central Time (CT).



TUESDAY, JUNE 24

9:50 - 10:35 AM

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

ECLIPSE: Efficient Cryogenic Low Invasive Propellant Supply Exchange

Advisor: Vishwanath Ganesan

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

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

3:20 - 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

WEDNESDAY, JUNE 25

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

10:25 - 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

1:10 - 1:55 PM

WASHINGTON STATE UNIVERSITY

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

Advisor: Jacob Leachman