

Thursday November 30



12:30 - 01:00

Registration and Name Tag Pickup

01:00 - 01:10

Speaker: **Derek McLean**

Welcome from ARD Dean

01:10 - 02:00

Speaker: **Dr. John Reid**

University of Illinois

02:00 - 02:40

Speaker: **Dr. Scott Shearer, Dr. Peter Ling**

Ohio State University

02:40 - 03:10

Speaker: **Dr. Frans von der Dunk**

University of Nebraska-Lincoln | Space Law via Zoom "Ag4Space and the law: initial considerations"

03:10 - 03:40

Group Picture & Coffee Break

03:40 - 05:00

Industry Panel

Dr. John Horack with Star Lab, Brad Roth with NUTech Venture, Kathy Bywaters with Honeybee Robotics and Vaclav Havlicek with TRL Space

Friday December 1

07:30 - 08:00

Light breakfast served

08:00 - 08:10

Speaker: **Dr. Sherri Jones**

Interim Vice Chancellor, ORED

08:10 - 08:40

Speaker: **Adam Williams, Tristina Ting**

University of Minnesota "Regolith to Soils: Earthworm transformation of lunar regolith into agriculturally functioning soils."

08:40 - 09:10

Speaker: **Dr. Ash Smith, Dr. Robert Twomey**

University of Nebraska-Lincoln | Emerging Media & Art "Ag4Space: Speculative Design, Demos + Installations - A Primer"

09:10 - 09:50

Speaker: **Dr. Mark Settles**

NASA Ames Research Center, "Synthetic Biology for Deep Space Exploration"

09:50 - 10:10

Speaker: **Dr. Steve Zeng**

Director, Division of Food Safety, USDA-NIFA "NIFA Funding Programs & Initiatives in Support of NASA Space STEM & Workforce Development"

10:10 - 10:30

Coffee Break

10:30 - 11:00

Speaker: **Dr. Alyssa Whitcraft**

Executive Director of NASA Acre, Executive Director of NASA Harvest, Research Professor of the University of Maryland via Zoom "NASA's Work in Agriculture from 1972 to Today and Beyond"

11:00 - 11:30

Speaker: **Kathryn Bywaters**

Honeybee Robotics

11:30 - 12:00

Speaker: **Space² Team**

University of Nebraska-Lincoln | UNL Grand Challenges

12:00 - 01:30

Lunch Break

01:30 - 03:30

Breakout Sessions | Discuss Research Thrusts | Prepare for Catalyst Grant

03:30 - 04:00

Report back and closing remarks

Moderators:

Nov 30 1-3pm: David Jones

Nov 30 3:30-5pm: Santosh Pitla

Dec 1 8-10:10am: Cassandra Palmer

Dec 1 10:30am-12pm: Yufeng Ge

NEBRASKA SPACE AG (AG4SPACE) SYMPOSIUM

Nebraska East Union (Arbor Suite)