

COSMIC Convergence Agenda – Day One: May 15, 2024

7:00 AM	Registration, Networking Breakfast
8:00	Event Logistics Greg Richardson
8:05	Keynote Introductions
8:15	Keynote: <i>The View is Incredible from Here: Why ISAM is the Future of Space</i> Dr. Clare Martin, Executive Vice President, Astroscale U.S.
8:35	Workshop Orientation Greg Richardson
8:45	State of COSMIC Bo Naasz, NASA
9:00	Focus Area Tasking An overview of the COSMIC Focus Areas and their products. Greg Richardson
9:15	Networking Break
9:35	Focus Area Panel Focus area leads outline products and seek feedback from the COSMIC community. Greg Richardson, Henry Helvajian, Max Spolaor, Robert Kalinowsky, Audrey Allison, Joey Heying. Virtual Facilitator: Parker Wishik
11:05	Networking Lunch
12:10 PM	Caucus Breakouts Caucuses are a forum for like-minded stakeholders to discuss mutual ISAM related challenges and opportunities Academia Stephanie Goldfarb, Joey Heying, Virtual Facilitator: Kerri Beisser Government Greg Richardson, Monty Greer, Alec Cavaciuti, Virtual Facilitator: Parker Wishik Industry Robert Kalinowsky, Brianna Andrus, Virtual Facilitator: Shannon Zirbel
1:40	Networking Break
2:00	Focus Area Breakouts Part 1 Demonstration Infrastructure: <i>Designing the Ideal Testbeds</i> Join us in the Demonstration Infrastructure Focus Area as we discuss hallmark features of next generation terrestrial, in-space, and digital testbeds to simulate and test the most challenging environments to propel Space Mobility and ISAM capabilities forward. Max Spolaor, Meg Hale, Virtual Facilitator: Shannon Zirbel Policy & Regulation: <i>Exploring the Emerging Regulatory/Policy Ecosystem for ISAM</i> Join our Policy & Regulation session to meet with experts on emerging aspects of ISAM Regulatory Policy; work together to build our Regulatory Repository and framework for the educational policy series. Audrey Allison, Catrina Melograna, Virtual Facilitator: Parker Wishik
3:20	Stretch Break
3:40	Focus Area Breakouts Part 2 Demonstration Infrastructure: <i>Designing the Ideal Testbeds</i> Continued from 2PM Max Spolaor, Meg Hale, Virtual Facilitator: Shannon Zirbel Policy & Regulation: <i>Exploring the Emerging Regulatory/Policy Ecosystem for ISAM</i> Continued from 2PM Audrey Allison, Catrina Melograna, Virtual Facilitator: Parker Wishik
5:00	Evening Social
7:00	Adjourn

COSMIC Convergence Agenda – Day Two: May 16, 2024

7:15 AM	Networking Breakfast
8:15	Virtual Keynote: <i>ISAM: A National Imperative</i> Dr. Jinni Meehan, Assistant Director for Space Policy White House Office of Science and Technology Policy
8:35	Focus Area Tasking Reprise Greg Richardson
8:40	Focus Area Breakouts Part 1 Missions & Ecosystems: <i>Imagining the Future of ISAM</i> Join the Missions & Ecosystems Focus Area as we envision likely futures of the space ecosystems, align high-value mission use cases, and recognize the value of ISAM capabilities in those missions. Robert Kalinowsky, Sarah Georgin, Virtual Facilitator: Paul Frakes Workforce Development: <i>Inspiring the Future ISAM Workforce</i> Join us in the Workforce Development breakout as we work together to identify areas and opportunities to infuse the hard problems related to ISAM into existing curriculum, leverage capstone topics, and identify new opportunities to leverage and amplify existing K-12, collegiate, and professional community programs with ISAM content. Joey Heying, Brianna Andrus, Virtual Facilitator: Kerri Beisser
10:00	Stretch Break
10:20	Focus Area Breakouts Part 2 Missions & Ecosystems: <i>Imagining the Future of ISAM</i> Continued from 8:40 AM Robert Kalinowsky, Sarah Georgin, Virtual Facilitator: Paul Frakes Workforce Development: <i>Inspiring the Future ISAM Workforce</i> Joey Heying, Brianna Andrus, Virtual Facilitator: Kerri Beisser
11:40	Networking Lunch
12:50 PM	Focus Area Breakouts Part 1 Research & Technology: <i>Aligning Technology to Missions</i> Join us in the Research & Technology Focus Area as we align our two products, a technology taxonomy and ISAM inventory, with relevant mission use cases and campaigns to ensure innovation directly contributes to our groundbreaking futures. Henry Helvajian, Glenn Bean, Virtual Facilitator: Robert Kalinowsky
2:10	Stretch Break
2:30	Focus Area Breakouts Part 2 Research & Technology: <i>Aligning Technology to Missions</i> Henry Helvajian, Glenn Bean, Virtual Facilitator: Robert Kalinowsky
3:50	Relocation Break
4:10	Focus Area Out briefs Henry Helvajian, Max Spolaor, Robert Kalinowsky, Audrey Allison, Joey Heying
4:40	Path Forward Greg Richardson
4:55	Adjourn

Flash Talks Within Individual Sessions:

Government Caucus

Technology Gaps in the ISAM mission area

Bo Naasz, System Capability Lead for ISAM and RPOC, NASA STMD.

- NASA ISAM Shortfalls

Dr. Seth Lacy, Senior Scientist for Space Mobility and Precision Maneuver, AFRL.

- AFRL SAML Capabilities

Demonstration Infrastructure

Noah Gladden from Arkisys, Inc

- Overview of Arkisys, Inc. Ground Robotic Testbed

Policy & Regulation

Steven Rowings, Space Law and Policy group at Akin Gump (virtual)

- ISAM Regulatory Landscape

Patrick Webre, Deputy Chief, Space Bureau Federal Communications Commission

- FCC's Transparency Initiative

Research & Technology:

Keng Hsu, Arizona State University

- In-space ultrasonic Additive Manufacturing

Zach Courtright, NASA

- NASA's In-space manufacturing portfolio

Tim Poe, NASA

- Space Technology Robotics Initiative