



ISDC 2022 Schedule

As of 5-26-22

Registration

8:00 am - 7:00 pm

Morning Plenary

8:30 am - 9:45 am

Friday, May 27

Regency Foyer

Regency Landing (Student Registration 9:00 am - 6:00 pm)

Regency EF

Welcome & MC: Randy Gigante, ISDC 2022 Conference Chair, NSS Policy Committee Chair
Opening Remarks: Anita Gale, Chief Executive Officer, National Space Society, National Space Society Board of Directors
Presenting of NSS Space Pioneer Award to *Ingenuity* Mars Helicopter Team
Speaker: Jaakko Karras *Ingenuity*, Mars Helicopter Team, NASA/Jet Propulsion Laboratory and
Keyur Patel, Jet Propulsion Laboratory Director for Astronomy & Physics
Speaker: Nikolai Joseph, Office of Technology, Policy, and Strategy, NASA

10:00 am - 12:00 noon

Space Policy

10:00 am

10:10 am

11:05 am

Space Development

10:00 am

11:00 am

Space Solar Power

10:00 am

Many Roads to Space

10:00 am

10:30 am

10:45 am

11:15 am

11:45 am

Space Business

Morning Sessions

Regency A

Opening Remarks. Steven Wolfe (Beyond Earth Institute)
Panel: Policy Challenges for an Operating Commercial Habitats. Dr. Mary Lynne Dittmar (Axiom Space), Dennis Stone (NASA) and Michelle Hanlon (University of Mississippi School of Law).
Moderator: Courtney Stadd (Capitol Alliance Solutions)
Panel: Property Rights in Space. Robert Brumley (Laser Light Companies), Laura Montgomery (Catholic University Columbus School of Law) and Paul Stimers (R&L Gates). Moderator: Sean Hadley (Beyond Earth Institute)

Regency B

Fireside Chat: Advancing the Conversation to Redefine Space Medicine: A Dialogue of Rethinking Medical Approaches to Enable Space Settlement with Dr. Vanessa Farsadaki (Space Exploration Strategies, LLC) and De'Schzunell "DJ" Catlin (Equity Space Alliance)
Panel: The Future of Space Development – Expert Perspectives on Context, Capabilities, Actions and Requirements Needed to Support Humanity's Expansion in Space.
Panelists: Dr. Vanessa Farsadaki (Space Exploration Strategies, LLC), Jose Ocasio-Christian (Caelus Partners, LLC), De'Schzunell "DJ" Catlin (Equity Space Alliance) and Kaylon Paterson (Paterson Aerospace Systems & John S. McCain Strategic Defense Fellows).
Moderator: Col Karlton D. Johnson, USAF (Ret.), Chairman, NSS Board of Governors

Washington AB

International Academy of Astronautics (IAA) Space Solar Power Committee. Introduction to the collaborative session on different modular approaches to an end-to-end systems and reverse engineering paths to fielding them.

Regency C

The Wicked Problem of Space Debris. Anna Ni, Maureen Mayaka, and Faith Victoria Ni (California State University San Bernardino)
NSS Student Space Settlement Contest Presentation
The Next Generation in Space Traffic Management. Ozge Polson (SCOUT Inc.)
How You Can Reach Accelerated Profitability in the End-to-End Space Commercial Supply Chain. Tim Alatorre (Orbital Assembly Corporation)
The Dividends of Investing in your Future Workforce. Sara Alvarado (SEDS-USA)

Regency D

Regency EF

"The Future of Human Spaceflight"

Keynote Speaker: Kathryn Lueders, Associate Administrator Space Operations Mission Directorate, NASA

Presenting of NSS Space Pioneer Award to Kathryn Lueders

MC: Janet Ivey, President, Explore Mars; CEO and Founder Janet's Planet, Inc.; and National Space Society Board of Governors

Lunch

12:00 noon - 1:50 pm



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Friday, May 27

Student Poster Session

2:00 pm - 4:00 pm

Potomac Room

NSS Space Settlement Contest posters on display with the student presenters.

2:00 pm - 5:00 pm

Space Policy

2:00 pm

2:50 pm

3:00 pm

4:00 pm

4:50 pm

Space Elevators

2:00 pm

2:05 pm

2:20 pm

2:35 pm

3:00 pm

3:15 pm

3:25 pm

3:40 pm

4:00 pm

4:15 pm

Space Solar Power

2:00 pm

3:15 pm

Many Roads to Space

2:00 pm

2:30 pm

2:45 pm

3:15 pm

3:45 pm

4:00 pm

4:30 pm

Afternoon Sessions

Regency A

Panel: Space Solar Power National Strategy. Peter Garretson (Independent Strategy Consultant), Karen Jones (The Aerospace Corporation) and Aaron Oesterle (Space Frontier Foundation).

Moderator: John C. Mankins (Mankins Space Technologies)

Alliance for Space Development Legislative Update. Al Globus (National Space Society)

Panel: Cislunar Economy Enabling Policy. Chris Hearsy (Space Hero), Tyler Bender (A3 Technology), and Tom Marotta (The Spaceport Company). Moderator: Arnie Christianson (Inmarsat Government)

Panel: Financing the Construction of Human Communities Beyond Earth. Michael Castle Miller (Politas Consulting), Tim Chrisman (Foundation for the Future) and Nathan Whigham (EN Capital). Moderator: Matthew Harris (Avantus Federal)

Wrap up and Adjourn

Regency B

Permanent Infrastructure – Space Elevators as a Transformational Capability

Welcome and Overview. Peter Swan (Galactic Harbour Associates)

Modern Day Space Elevator Transforming Space Access. Peter Swan (International Space Elevator Consortium)

Reversing Global Warming Made Possible by Space Elevators. Jerry Eddy (International Space Elevator Consortium)

Designing a 20-tonnes Space Elevator Climber - A Starting Point. Larry Bartoszek (Bartoszek Engineering)

NASA Space Settlement Contest Presentation

Study of Direct, Planetary Insertion Orbits from Space Elevators. Gene Luevano (Arizona State University)

How Will the Space Elevator Ascend the Tether? Dennis Wright (International Space Elevator Consortium)

The Transformational Impact of Infrastructure and How a Space Elevator would Impact Space Development. Kevin Barry (LightBridge Strategic Consulting)

Start NOW - Development of Space Elevator Transportation Infrastructure. Michael Fitzgerald (Galactic Harbour Associates)

Panel: Transformational Infrastructure Scenario. What can be achieved while saving the atmosphere and aggressively moving off-planet with 30,000 tonnes per year delivered by the Green Road to Space. Moderator: Michael Fitzgerald (Galactic Harbour Associates)

Washington AB

Space Solar Power Policy Panel crossover with Space Policy session. In Regency A.

2022 International Space Solar Power Student Competition: Presentations of new research in the field

Regency C

Teachers in Space: Launching our Path to Space! Elizabeth Kennick (Teachers in Space, Inc.)

NSS Student Space Settlement Contest Presentation

Why STEM/STEAM? - Understanding the Real Reasons for Supporting the Next Generation. Holly Melear (STEAMSPACE Education Outreach)

Spaceball: Sports in Microgravity Justin Park (Intergalactic Education)

NSS Student Space Settlement Contest Presentation

Alcohol in Space: A New Space Industry in Development. Chris Carberry (Explore Mars)

The Path to Higher Ground: How Cannabis Cultivation Can Help Space Exploration. Elliott Gorfain (Higher Ground Initiative)



ISDC 2022 Schedule

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Friday, May 27

Cocktail Reception

6:00 pm - 7:00 pm

Governors' Dinner

7:00 pm - 9:30 pm

NSS Meeting

10:00 pm - Till

Regency Foyer

Open reception includes a cash bar and appetizers.

Regency EF

"Space Policy: Looking Beyond NASA"

Keynote Speaker: Jeff Greason, Chief Technologist & Co-Founder, Electric Sky;

Chairman, Tau Zero Foundation, National Space Society Board of Governors

Governors' Message: Col Karlton D. Johnson, USAF (Ret.), Chairman, NSS Board of Governors

Presenting of NSS Chapter Awards

Presenting of NSS Chris Pancratz Activist of the Year Award

Presenting of NSS Excellence Awards

MC: Anita Gale, Chief Executive Officer, National Space Society; National Space Society

Board of Directors

Dinner Sponsored by the Heinlein Prize Trust

NSS Networking