



ISDC 2022 Schedule

As of 5-26-22

Registration

8:00 am - 7:00 pm

Student spUN Debates

8:30 am - 10:00 am

Morning Plenary

8:30 am - 9:45 am

Saturday, May 28

Regency Foyer

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

Washington A

Final Debate Round. on International High School spUN Debate Teams - Resolved: Private sector investment in lunar space development will better serve humanity over public sector investment.

Regency EF

Panel: Commercial LEO Development

Panelists: Dr. Mary Lynne Dittmar, Executive Vice President, Government Operations & Strategic Communications, Axiom Space, Rick Mastracchio, Director of Strategy, Business Development for Human Exploration and Operations, Northrop Grumman and Tim Alatorre, Chief Operating Officer and Chair of the Board, Orbital Assembly Corporation

Moderator: Dennis Stone, Project Executive, NASA's Commercial LEO Development Program, Johnson Space Center

10:00 am - 12:00 noon

Mars

10:00 am

10:45 am

11:00 am

11:30 am

Space Ambassadors

10:00 am

10:30 am

11:00 am

11:30 am

Morning Sessions

Regency A

Panel: Mars Science Advancing Humans to Mars. Jim Gavin (NASA) and Chris Carberry (Explore Mars). Moderator: Janet Ivey (Explore Mars)

NSS Student Space Settlement Contest Presentation

A Food And Nutrition Plan For Space Flight To Mars: Healthy Gut Microbiome Takes Us To Mars! Zsuzsanna Benyó (SpaceABC)

A GIS Tool to Evaluate Suitability of Mars Landing Sites for Long-Duration Human Missions. Alex Gilbert (Colorado School of Mines)

Regency C

Evolution of the Overview Effect. Loretta Hall (NSS Space Ambassador)

Engineering Design Problems for Space Elevator Car Drive System. Larry Bartoszek (NSS Space Ambassador)

Mental Health in Space. Dr. Vanessa Farsadaki (Space Exploration Strategies, LLC)

Let's Go To Space: The Aerospace and Innovation Academy's Wolfpack. Kevin Simmons (NSS Space Ambassador)

NSS Meeting

10:00 am - 12:00 noon

Washington A

NSS Chapters Assembly

Lunch

12:00 noon - 1:50 pm

Regency EF

Keynote Speaker: Lars Hoffman, Senior Vice President - Global Launch Services, Rocket Lab
Presenting of NSS Space Pioneer Award to Rocket Lab

MC: Dr. Anthony Paustian, NSS Vice President of Marketing

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

Mars

2:00 pm

2:45 pm

3:15 pm

3:30 pm

4:00 pm

4:15 pm

4:30 pm

Afternoon Sessions

Regency A

Artemis to Mars/Trajectories to Mars. Joe Cassady (Aerojet Rocketdyne)

Virtual Training to Live on Mars in Opensim. Michael Lorrey (International Spaceflight Museum)

Break

Exploring Caves on the Moon and Mars. Dr. Pascal Lee (Mars Institute, SETI Institute, & NASA Ames Research Center)

NSS Student Space Settlement Contest Presentation

Break

The Politics of Mars. Chris Carberry (Explore Mars)



ISDC 2022 Schedule

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Saturday, May 28

Rothblatt Competition

2:00 pm

Space Ambassadors

2:00 pm

2:30 pm

3:00 pm

3:30 pm

4:00 pm

4:30 pm

4:50 pm

Regency B

Rothblatt Space Settlement in Our Lifetime Prize Business Plan Competition

(listed in alphabetical order)

Spaceabc: Genetic-Based Personalized Space Nutrition Program. Zsuzsanna Benyó (Budakesz, Hungary)

Astrogineering: Using Ultrahigh-Vacuum Chemistry To Develop And Produce Products In Space. Kamil B. Stelmach (Charlottesville, VA)

Lunar Agriculture: Providing The Food And Bioproducts Needed To Support Human Civilization Off Of Earth. Adam Williams (Plymouth, MN)

Regency C

Additional Moon Bases Concepts. There Will Be More Than One Moonbase, For a Variety of Reasons, Not All At the Poles. Stevan Akerley (NSS Space Ambassador)

Sloan Digital Sky Survey. Larry Bartoszek (NSS Space Ambassador)

Space Farming and Bio Reactors: Growing Food and Recycling Waste for Sustainable Living in Space. Bryce Meyer (NSS Space Ambassador)

Sleeping in Space. Loretta Hall (NSS Space Ambassador)

NASA HUNCH Program: High School Students Create Hardware for the ISS. Christean Kapp (NSS Space Ambassador)

CubeSats in the NSS Roadmap to Space. Pradipta Shrestha (NSS Space Ambassador)

Closing Remarks. Stevan Akerley (NSS Space Ambassador)

Student spUN Debates

2:00 pm - 4:00 pm

Washington A

Howard University vs Georgetown University- in-person pilot University spUN Debate - Resolved: Private sector investment in Lunar space development will better serve humanity over public sector investment. spUN Debates Program recognizes the following for their support: Students for the Exploration and Development of Space.

Showcase Event

4:30 pm - 6:30 pm

Regency Foyer

Space Authors Forum

Cocktail Reception

6:00 pm - 7:00 pm

Regency Foyer

Open reception includes a cash bar and appetizers.

Dinner

7:00 pm - 9:30 pm

Regency EF

"The Coming Revolution In Space Solar Power"

Keynote Speaker: John Mankins, President, Mankins Space Technology, National Space Society Board of Directors

Presenting of Rothblatt Space Settlement in Our Lifetime Prize

Presenting of Student Space Settlement Contest Grand Prize Award

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

Gathering

9:30 pm - Till

Chesapeake View (rooftop)

Gathering Over the Potomac.

Co-Sponsored by XISP, Inc. and Huntsville Alabama L5 Society (HAL5)