



ISDC 2022 Schedule

As of 5-11-22

Saturday, May 28

Registration

8:00 am - 7:00 pm

Regency Foyer

Student Registration

9:00 am - 6:00 pm

Regency Landing

Student spUN Debates

8:30 am - 10:00 am

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.

Morning Plenary

8:30 am - 9:45 am

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

Morning Sessions

Regency A

Panel: Mars Science Advancing Humans to Mars. Jim Gavin (NASA) and Tanya Harrison (Tanya of 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 (Semmelweis University of Health Sciences, Hungary)

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

Space Business

Space Ambassadors

10:00 am

10:30 am

11:00 am

11:30 am

Regency B

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)

Additional Moon Bases Concepts. There Will Be More Than One Moonbase, For a Variety of

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: Peter Beck, Founder, President and CEO, 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

3:00 pm

3:30 pm

4:00 pm

4:15 pm

Afternoon Sessions

Regency A

Artemis to Mars/Trajectories to Mars. Joe Cassidy (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)

BREAK

The Politics of Mars. Chris Carberry (Explore Mars)



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Rothblatt Competition	Regency B
2:00 pm	Rothblatt Space Settlement in Our Lifetime Prize Business Plan Competition <i>(listed in alphabetical order)</i> 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)
Space Ambassadors	Regency C
2:00 pm	The Future of NASA and Commercial Spaceflight. Ken Ruffin (NSS Space Ambassador)
2:30 pm	Sloan Digital Sky Survey. Larry Bartoszek (NSS Space Ambassador)
3:00 pm	Space Farming and Bio Reactors: Growing Food and Recycling Waste for Sustainable Living in Space. Bryce Meyer (NSS Space Ambassador)
3:30 pm	Sleeping in Space. Loretta Hall (NSS Space Ambassador)
4:00 pm	NASA HUNCH Program: High School Students Create Hardware for the ISS. Christean Kapp (NSS Space Ambassador)
4:30 pm	CubeSats in the NSS Roadmap to Space. Pradipta Shrestha (NSS Space Ambassador)
4:50 pm	Closing Remarks. Stevan Akerley (NSS Space Ambassador)
Student spUN Debates	Washington A
2:00 pm - 4:00 pm	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.
Showcase Event	Potomac Room
4:30 pm - 6:30 pm	Space Authors Forum
Cocktail Reception	Regency Foyer
6:00 pm - 7:00 pm	Open reception includes a cash bar and appetizers.
Dinner	Regency EF
7:00 pm - 9:30 pm	"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
Party	Chesapeake View (rooftop)
9:30 pm - Till	Party Sponsored by NASA Federal Credit Union
NSS Meeting	NSS Networking
Après Party	