



As of 5/6/26

**Thursday, June 4**

**Registration**

8:00 am - 7:00 pm

**Foyer**

**Morning Plenary**

8:30 am - 9:45 am

**International BC**

Welcome & MC: Dr. Pascal Lee, ISDC 2026 Conference Chair; Vice President for Planetary Development, National Space Society

Welcome: Dale Skran, NSS Senior Vice President/Chief Operating Officer, NSS Board of Directors

**Student Registration**

9:00 am - 3:30 pm

**International A**

Registration for students in the NSS Gerard K. O'Neill Space Settlement Contest and the *Live in a Healthy Space* Design Competition.

**NextGen Program**

10:00 am - 10:45 am

**International BC**

"Advice for On and Off Planet"

FEATURED SPEAKER: Dr. Jennifer Rochlis, Spaceflight Consultant

MC: Holly Melear, CEO & Founder of STEAMSPACE Education Outreach® & the Cities in Space Events®

**Exhibitors**

10:00 am - 6:00 pm

**Atrium**

Please visit the exhibitor, sponsor and NSS exhibit tables

**10:00 am - 12:00 noon**

**Morning Sessions**

**AI and Space**

**Dallas**

**Interplanetary Infrastructure**

**Statler** (lower level)

10:00 am

Are Space-Based Data Centers Launched by Mass Drivers on the Moon the Key to Unlocking The Universe? Phil Swan (The Atlantis Project)

10:30 am

High Temperature Super Conductors Based Mass Drivers Will Transform Lunar Launch Costs for Raw Materials. David Dillon (Electromagnetic Launch, Inc.)

11:00 am

Evolving, Maintaining, Protecting and Preserving Space Infrastructure. Madhu Thangavelu (University of Southern California)

11:30 am

First Step: Sustainable Orbital Biological Additive Manufacturing. Bryan Kuklinski (Orbital Construction Pioneers Inc.)

**Many Roads to Space**

**Stevens** (lower level)

**Space Policy**

**Beverly**

10:00 am

Global Governance and the Future of Space Activity

10:05 am

Welcome Remarks Karlton Johnson (National Space Society)

10:20 am

NSS at UN COPUOS: Building Credibility, Contribution, and the Role of Civil Society in Space Governance. Fredrick Jenet (NSS International Committee)

10:45 am

The Role of Multilateral Governance in the Next Era of Space Activity. Aarti Holla-Maini (United Nations Office for Outer Space Affairs)

11:00 am

The U.S. Perspective on Space Governance and International Coordination. Valda Vikmanis (Office Commercial Leadership and the Future of Space Governance. tbd

11:15 am

Panel: Governance, Coordination, and the Future Space Order. Aarti Holla-Maini (United Nations Office for Outer Space Affairs) and Valda Vikmanis (Office Of Space Affairs, U.S. State Department). Moderator: Fredrick Jenet (NSS International Committee)



As of 5/6/26

Thursday, June 4

Space Solar Power Symposium	
10:00 am	
10:15 am	
10:30 am	
10:45 am	
11:00 am	
11:15 am	
11:30 am	
11:45 am	

Amphitheater (lower level)

Symposium Opening. John C. Mankins (Mankins Space Technology) and Gary P. Barnhard (Xtraordinary Innovative Space Partnerships)

Reverse Engineering Space Solar Power. Gary Barnhard (Xtraordinary Innovative Space Partnerships)

Space Solar Power Overview. Ken Ruffin (Didymos Consulting LLC)

Space Solar Power Economics. Kevin Barry (Xtraordinary Innovative Space Partnerships)

Go-to-Market Strategies for Space Solar Power. Daniel Faber (Bent Pipe)

International Space Power, Policy, and Standards Institute. Bryan Zetlen (ISPPSI)

Space Habitats and Space Solar Power. Dale Skran (National Space Society)

Strategic Policy Agenda for Space Solar Power. Paul Werbos (NSF, retired)

Student Activities

11:00 am - 3:00 pm

Continental B

STEM activities with NSS SpacEdge Education. Engage in team building, engineering, critical thinking, and prototype activities.

Lunch

12:00 noon - 1:50 pm

International BC

KEYNOTE SPEAKER: Aarti Holla-Maini, Director, UN Office for Outer Space Affairs (UNOOSA)  
Presenting of the NSS Space Pioneer Award to UNOOSA  
MC: Dr. Fredrick Jenet, Founder and Executive Director, Expanding Frontiers, NSS Vice President of Technology and Entrepreneurship, National Space Society, NSS Board of Directors

Student Activities

12:30 pm - 5:00 pm

Fowler (lower level)

Mini Space Elevator Workshop. Engineering with World Space Elevator Competitions

Poster Session

1:30 pm - 3:30 pm  
(International A closed during lunch: 12:00 noon - 1:30 pm)

International A

Contest students' posters on display with the student presenters representing entries in the NSS Gerard K. O'Neill Space Settlement Contest and the *Live in a Healthy Space* Design Competition.

2:00 pm - 6:00 pm

Afternoon Sessions

AI and Space	
Space Health	
2:00 pm	
2:10 pm	
2:20 pm	
2:30 pm	
2:40 pm	
2:50 pm	
3:00 pm	
3:10 pm	
3:30 pm	
4:00 pm	
4:25 pm	
4:55 pm	
5:20 pm	
5:45 pm	

Dallas

Statler (lower level)

Spines in Space. Dr. Haig John (Odyssey Charter School)

A Model of Astronaut Telomere Dynamics: Literature Review and Analysis. Dr. Joannes Paulus Tolentino Hernandez (Helene Fuld College of Nursing)

3DMM: 3D Cell Culture Lab-on-Chip with Microfluidics under Simulated Microgravity. Michela Cutigni (Sapienza University of Rome/Thales Alenia Space)

From Bench to Beyond Earth: Augmenflo - A Novel Wearable Device to Prevent Vision Loss in Space. Dr. Shenoy Varadaraya (University of Washington)

The Resolution of Space Adaptation Syndrome (SAS) and Expected Space Ionizing Radiation Injury by Restoring Natural Recovery Systems. Dr. William Gardiner (Laboratory Consulting Resources, Inc.)

Designing Astronauts: The Role of Genetic Engineering in Long-Duration Space Exploration. Dr. Erik Seedhouse (Embry-Riddle Aeronautical University)

Integrative Human Performance in Space: Exploring Ayurveda-Informed Approaches to Astronaut Readiness. Dr. Meredith Beckford-Smart (Futures Forum)

NSS Student Space Settlement Contest Presentation

Extreme Healthcare in Extreme Environments - From Space to Earth. Dr. Eliah Aranoff-Spencer (University of California, San Diego)

Extreme Environments as Discovery Tools: What Spaceflight Physiology Reveals About Health, Aging, and Disease. Dr. Dana Levin (Vast)

Psychological and Psychiatric Issues in Space. Dr. Nick Kanas (University of California, San Francisco, Emeritus)

When the Hatch Opens - Physiology, Fitness and Survival in Space. Dr. Erik Seedhouse (Embry-Riddle Aeronautical University)

Ground Based Analogs for Space Flight: Work You Can Do That Benefits People on Earth Today and Space Exploration in the Future. Dr. Marc Shepanek (NASA, retired)

Open Forum: Questions and Closing Thoughts

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**Thursday, June 4**

<p><b>Many Roads to Space</b></p> <p><b>Space Policy</b></p> <p>2:00 pm</p> <p>2:05 pm</p> <p>2:10 pm</p> <p>2:35 pm</p> <p>3:00 pm</p> <p>3:25 pm</p> <p>3:50 pm</p> <p>4:00 pm</p> <p>4:25 pm</p> <p>4:50 pm</p> <p>5:15 pm</p> <p>5:40 pm</p> <p><b>Space Solar Power Symposium</b></p> <p>2:00 pm</p> <p>2:15 pm</p> <p>2:30 pm</p> <p>2:45 pm</p> <p>3:00 pm</p> <p>3:15 pm</p> <p>3:30 pm</p> <p>3:45 pm</p> <p>4:00 pm</p> <p>4:15 pm</p> <p>4:45 pm</p> <p>5:45 pm</p> <p><b>Podcast</b></p> <p>2:00 pm - 4:00 pm</p> <p><b>NextGen Program</b></p> <p>3:30 pm - 5:00 pm</p>	<p><b>Stevens</b> (lower level)</p> <p><b>Beverly</b></p> <p>Rules, Rights, and Rivalries in the Next Era of Space Development          Welcoming Remarks. Fredrick Jenet (NSS International Committee)</p> <p>Opening Remarks. Grant Henriksen (NSS Policy Committee)</p> <p>Part I: Who Governs the Moon? From Artemis to Settlement</p> <p>Lawfare on the Moon: Who Writes the Rules? Michelle Hanlon (Air and Space Law at Ole Miss)</p> <p>IOAG Report on LunaNet Governance: Coordination and Governance in the Initial Phase. James Schier (NASA, retired)</p> <p>Legal Architecture for Sustainable Lunar Settlement. James Anthony Wolff (Greenspoon Marder)</p> <p>Beyond Artemis: From Lunar Base to Lunar Economy. Steven Wolfe (Beyond Earth Institute)</p> <p>BREAK</p> <p>Part II: The Expanding Space Order: Law, Markets, Sustainability, and Security</p> <p>Best Practices in Shaping National Space Law: Lessons from the United States for Emerging Space Nations. Dr. Zsófia Biró (Center for Air and Space Law, University of Mississippi)</p> <p>Astrosalvage: An Examination of a Nascent Industry. Grant Henriksen (NSS Policy Committee)</p> <p>A Marriage of Necessity: Dark and Quiet Skies for the Protection of Astronomy and Commercial Satellite Development. David Schuman (University of Vienna)</p> <p>From Earthbound Economies to Spacefaring Strategy: The Legal Rise of the BRICS Group          Kathleen Brett (Secure World Foundation)</p> <p>From Peaceful Use to Strategic Competition: Governing Security in Space. Karlton Johnson (National Space Society)</p> <p><b>Amphitheater</b> (lower level)</p> <p>What Have We Accomplished With Respect to Space Solar Power in the Last Year? John C. Mankins (Mankins Space Technology)</p> <p>Space Solar Power in Australia. Serdar Baycan (Solar Space Technologies)</p> <p>Virtus Solis and Space Solar Power. John Bucknell (Virtus Solis)</p> <p>Two Decades of China's Space Solar Power Development. Xinbin Hou (CAST)</p> <p>Space Solar Power at TerraSpark. Sanjay Vijendran (TerraSpark)</p> <p>Space Solar Power Legal and Regulatory Matters. Michelle Hanlon (Air and Space Law at Ole Miss)</p> <p>Terawatt Power for the Moon. Jim Keravala (OffWorld)</p> <p>Space Solar Power and Space Transportation. Edgar Zapata (NASA, retired)</p> <p>Progress in Space Solar Power. Paul Jaffe (Overview Energy)</p> <p>Lightning Panel: U.S. Governmental Support of Space Solar Power and Ancillary Services Beaming Technology Development, Demonstration, and Deployment. Moderator: Gary Barnhard (Xtraordinary Innovative Space Partnerships)</p> <p>Lightning Panel: Space Solar Power: Infrastructure and Customer Requirements. Moderator: Gary Barnhard (Xtraordinary Innovative Space Partnerships)</p> <p>Wrap-Up Remarks. John C. Mankins (Mankins Space Technology) and Gary P. Barnhard (Xtraordinary Innovative Space Partnerships)</p> <p><b>Istanbul</b></p> <p>Space Business Podcast from ISDC          Hosted by Thomas Olson, Center for Space Commerce and Finance</p> <p><b>International BC</b></p> <p>FEATURED SPEAKER: Susan Kilrain, Former NASA Astronaut          MC: Holly Melear, CEO &amp; Founder of STEAMSPACE Education Outreach® &amp; the Cities in Space Events®</p>
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As of 5/6/26

**Thursday, June 4**

**Networking Reception**

6:00 pm - 7:00 pm

**International A**

Join us for an open reception that includes a cash bar and appetizers.

**Dinner**

7:00 pm - 9:30 pm

**International BC**

The Search for Intelligent Life Beyond our Solar System

KEYNOTE SPEAKER: Dr. James Green, Senior Advisor NASA Headquarters

Presenting of NSS Ad Astra Award to John F. Kross

Presenting of NSS Chapter Awards

MC: Dr. Sherry Bell, National Space Society

**NSS Meeting**

10:00 pm - Till

Networking