



ISDC 2026 Session Schedule

BioSpace

As of 5/29/26

Sunday, June 7

Amphitheater (lower level)

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| 10:00 am | Private Astronauts—Medical Considerations for Space Missions in LEO. Dr. William Tarver (NASA, retired) |
| 10:20 am | Eliminating the Pre-Conditions for Spaceflight Injury via Restoring Our Evolved Capacity for Good Health. Dr. William Gardiner (Laboratory Consulting Sources) |
| 10:30 am | Contests, Civilization and Space Migration. Dr. Gerald McLaughlin (National Institutes of Health, retired) |
| 10:50 am | Fungal Frontiers: How Might We Adopt the Genes That Protect the Chernobyl Fungus from Ionizing Radiation? Natalie Byrd (Embry-Riddle Aeronautical University) |
| 11:15 am | NSS <i>Live in a Healthy Space</i> Design Competition Presentation |
| 11:30 am | Starlink-Enabled Mobile Telehealth in Appalachia: Advancing Rural Healthcare Through an NP-Led, Digitally Connected One Health Model. Dr. Paula Hill-Collins (St. Mary's Health Wagon) |
| 11:45 am | Synthetic Biology Approaches to the Next Generation Space Nutrition. Leo Shiina (Stanford Online High School) |
| 12:00 noon | END |
| 2:00 pm | Space Exodus to the "Vacuum Deserts" of Space Will Restore Our Evolved Capacity for Unlimited Life. Dr. William Gardiner (Laboratory Consulting Sources) |
| 2:25 pm | GOLDEN Framework™: Cognitive Mapping for Human–AI Integration in Space Health. Ginger Chen (Florida Institute of Technology) |
| 2:50 pm | Artificial Gravity is the Best Countermeasure in Space. Richard Kacik (Retired Aerospace Engineer) |
| 3:15 pm | A Plan to Test and Implement Artificial Gravity. Richard Kacik (Retired Aerospace Engineer) |
| 3:40 pm | The Chiral Label Release Experiment: An Experiment to Irrefutably Prove Extant Microbial Life on Mars. Dr. Susan Ip-Jewell (Raytheon Technologies) |
| 4:05 pm | From Replicants to Pioneers: Engineering Humanity for the Final Frontier. Dr. Erik Seedhouse (Embry-Riddle Aeronautical University) |
| 4:30 pm | The Anthropocene Era Imperative: Exporting Our Grown Children for the Sake of Our Sibling Species! Bennett Rutledge (Denver Space Society) |
| 4:55 pm | Healthy on the Moon Thanks to the Original Galileo. Holger Isenberg (Independent Researcher) |
| 5:15 pm | AI Workshop: How to Validate AI Output and Avoid "Hallucinations" When Developing Scientific Hypotheses. Dr. William Gardiner (Laboratory Consulting Sources) |
| 5:30 pm | Panel: How Will People Young and Old Prepare in Mind, Body and Spirit for Mars Departure. Dr. William Tarver (NASA, retired), Dr. Gerald McLaughlin (National Institutes of Health, retired), Ginger Chen (Florida Institute of Technology), Richard Kacik (Retired Aerospace Engineer), Dr. Erik Seedhouse (Embry-Riddle Aeronautical University), and Holger Isenberg (Independent Researcher). Moderator: Dr. William Gardiner (Laboratory Consulting Sources) |
| 6:00 pm | END |