



ISDC 2025 Session Schedule

Space Health

As of 6/7/25

Thursday, June 19

Salon 15

- 2:00 pm A Better Way to Go: Mars Departure Zones for Sending Healthy Settlers to Mars. Bill Gardiner (Laboratory Consulting Sources)
- 2:25 pm Feeding the Final Frontier: Lessons and Actions Derived from the Deep Space Food Challenge. Savannah Bullard (NASA Centennial Challenges)
- 2:50 pm Student Health Contests versus NIH Research: How is the science best advanced in the long run? Gerald McLaughlin (National Institutes for Health, National Institute for Drug Abuse, retired)
- 3:15 pm Addressing Space Radiation Challenges for Human Missions to the Moon, Mars and Beyond. Irene Schneider (ISE Space Radiation Experts)
- 3:40 pm Space Isolation's Impact: Mental and Physical Outcomes in a One-Person Mission. Dr. Susan Ip-Jewell (Mars-Moon Astronautics Academy and Research Sciences)
- 4:10 pm Designing Astronauts: The Role of Genetic Engineering in Long-Duration Space Exploration. Dr. Erik Seedhouse (Embry-Riddle Aeronautical University)
- 4:30 pm Looking for Life in Space. Charles Shults (Shults Laboratories)
- 4:55 pm Postcards from Mars: No Worries For Seasonal Affective Disorder. Holger Isenberg (Independent Researcher)
- 5:15 pm NSS Live in a Healthy Space Design Competition Student Presentation
- 5:30 pm Panel Discussion:How Will Our Young People Get More than Healthy for Mars Departure? Dr. Gerald McLaughlin, Savannah Bullard, Nick Georges, Irene Schneider, Dr. Susan Ip-Jewell, Dr. Erik Seedhouse, Charles Shults and Holger Isenberg. Moderator: Bill Gardiner
- 6:00 pm END

Sunday, June 22

Salon 17

- 10:00 am We won't age and die,we will transform: How New worlds WILL provide healthy life beyond earthbound limits. Bill Gardiner (Laboratory Consulting Sources)
- 10:20 am Church in the Wild – Cultural and spiritual prepping for post-apocalyptic times. Lynn Hagan (Newcastle University)
- 10:35 am NSS Live in a Healthy Space Design Competition Student Presentation
- 10:50 am Utilization of EMS and Kinetic Fabrics in Variable Gravity Adaptive and Rehabilitative Medicine Applications. Gary Barnhard (Xtraordinary Innovative Space Partnerships)
- 11:15 am NSS Live in a Healthy Space Design Competition Student Presentation
- 11:30 am Where the Aurora Dances: How Remote Tribes Inspire Life Off-World. Nick Georges (Astra Nova and CWC Wyoming)
- 11:45 am NSS Live in a Healthy Space Design Competition Student Presentation
- 12:00 noon END