



## ISDC 2025 Session Schedule

### LaunchPad

As of 6/5/24

#### Saturday, June 21 Salon 15

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|------------|--|
| 10:00 am   | Introduction. Dr. Shawna Pandya (Orbital Assembly Corporation)   |
| 10:04 am   | Designing Astronauts: The Role of Genetic Engineering in Long-Duration Space Exploration. Dr. Erik Seedhouse (Embry-Riddle Aeronautical University)              |
| 10:12 am   | How Cryopreservation of Humans May Enable Real World Time Travel. Rudi Hoffman (Hoffman Planning)  |
| 10:20 am   | Tardigrade CNS Adaptation for Enabling Neuroprotection of Astronauts. Varvara Sofou (Mars Institute)   |
| 10:28 am   | Questions.   |
| 10:35 am   | Systemic Strategies for Sustainable Growth in the Space Economy. Dr. Silvia Schmalzl (Dr. Schmalzl Consulting)   |
| 10:43 am   | Economic Modeling of Building a City on Mars. Dr. Philip Metzger (Stephen W. Hawking Center for Microgravity Research and Education)                             |
| 10:51 am   | Comprehensive Space Architecture for Sustainable Extended Human Space Travel & Advancements in Space Travel Technology. Antoine Faddoul (Tony Sky Designs Group) |
| 10:59 am   | Questions.   |
| 11:06 am   | Feeding the Final Frontier: Lessons and Actions Derived from the Deep Space Food Challenge. Savannah Bullard (NASA Centennial Challenges)                        |
| 11:14 am   | Lunar Lava Tubes For Permanent Human Settlement On The Moon. David Schrunk (International Lunar Observatory Association)   |
| 11:22 am   | The xEMU Factor: Your Next Generation Personal Spacesuit to Explore and Survive the Moon, Mars, and Beyond! Dr. Louis Carfagno (NASA)                            |
| 11:30 am   | Questions.   |
| 11:37 am   | A Crewed Helicopter For Titan. Maria Soldatova (Thomas S. Wootton High School)   |
| 11:45 am   | The Case for Mercury. Mark Henley (Boeing, retired)  |
| 11:52 am   | Questions.   |
| 11:59 am   | Closing Remarks. Dr. Shawna Pandya (Orbital Assembly Corporation)  |
| 12:00 noon | END  |