



ISDC 2025 Session Schedule

Space Elevators

As of 5/18/25

Saturday, June 21 Salon 15

- 2:00 pm You Dream it – We Deliver Overview. Dr. Peter Swan (International Space Elevator Consortium)
- 2:05 pm Satisfying Customer Needs with Modern-Day Space Elevators. Dr. Peter Swan (International Space Elevator Consortium)
- 2:15 pm Returning Wealth to Earth using Descenders on the Space Elevator. Larry Bartoszek (International Space Elevator Consortium)
- 2:35 pm Returning Wealth to Earth: A Space Elevator True Value. Dr. Steven Griggs (Space Railway Corp)
- 2:50 pm Powering Climbers Using Mechanical Waves: Fundamental Limits, Getting Around Them, and One Climber Concept. Blaise Gassend (Independent Researcher)
- 3:00 pm NSS Student Space Settlement Contest Presentation
- 3:15 pm ISEC Student Contest Presentation
- 3:30 pm Progress in Strong Materials for Space Elevator Tethers. Dr. Dennis Wright (International Space Elevator Consortium)
- 3:40 pm Defect Tolerance in a Space Elevator Tether. Dr. John Knapman (International Space Elevator Consortium)
- 3:50 pm Exploration into Interstitial Crosslinks Capable of Realizing Strong Boron Nitride Nanotube Bundles for Space Elevators. Nicholas Tjahjono (Rice University)
- 4:00 pm An Electrostatic Linear Motor for the Space Elevator. Avery Davis (National Space Society, Tucson Chapter)
- 4:10 pm Planetary Defense at the Edge: Apex Anchors as Orbital Sentinels and Resource Depots. Charlie Krone (Spire Global)
- 4:20 pm Tailored Graphene for Space Elevators Using QPS-GrapheneX: A Quantum Bridge from Earth to Orbit. Amina Ramadan (Dr Yahya University)
- 4:30 pm Panel: Solving the Down Problem: Getting Space Resources to Earth. Larry Bartoszek (International Space Elevator Consortium), Dr. Steven Griggs (Space Railway Corp) and Isaac Arthur (National Space Society). Moderator: Dr. Dennis Wright (International Space Elevator Consortium)
- 5:30 pm Questions, Answers, Comments: Modern-Day Space Elevators
- 6:00 pm END