



PRESS RELEASE – REQUEST FOR COVERAGE AND SCHEDULE OCTOBER 15-21

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Space Elevator press access schedule for the week of October 15.

Farmington, UT; OCTOBER 14, 2007 - The Spaceward Foundation's Space Elevator challenge is shifting into high gear this week as teams from around the world begin competing for NASA's 2007 \$1,000,000 prize purse.

October 15-18:

Starting on Monday, October 15th, Solar-powered Space Elevator climbers will race up a practice 100' vertical race track in order to qualify for the weekend's finals. Each Solar powered team features 2-20 large mirrors used to directly harness the power of the sun to propel the climbers. Climbs are scheduled to start at noon.

Starting on Tuesday, October 16th, Infra-Red and Microwave teams will follow suit. These high-tech teams use sophisticated transmitters to transfer the power to the climbers. Climbs will start at 10 am.

Wednesday is scheduled as a contingency qualification day.

Starting on Thursday, October 18th, the races will shift to the next gear as the vertical race track is extended to 400' (40 stories), and qualified teams begin to test their entries for the first time on the full racetrack.

Between October 15th and 18th, access to the Davis fairgrounds will be limited to participants and press. Interviews opportunities will be available with team members, Spaceward personnel, and the Space Elevator scientific community.

October 19-21:

These are the public event days. Tickets are available online and on-site, \$10 for adults, \$5 for kids under 18). Attractions include the power beaming climbs at the top of each hour, kid's Light Racer competitions (featuring 7 local teams), the



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tether pull competition, educational displays, and a never-before-screened-in-the-US Space Elevator movie.

See detailed event information at <http://www.spaceward.org/games07.html>, and a 3-D visualization at <http://www.spaceward.org/images/venue/venue3D-1.jpg>.

Friday, October 19th: The day opens at 11am, and features the first public climbs by the teams. The day closes at 6pm.

Friday evening, October 19th. Private reception. Press access is available.

Saturday, October 20th: The day opens at 10am with the Light Racer competitions, and continues with climbs at the top of each hour. The day closes at 6pm. Also on Saturday – the tether pull competition.

Saturday evening, October 20th: Space Elevator BBQ with the teams, Spaceward, and the Space Elevator community. Special screening of Space Elevator movies. (\$35 Adult, \$10 Kids under 12)

Sunday, October 21st: The day opens at 10am with power beaming climbs, and ends at 6pm. Award ceremonies follow.

Location:

The event will be held at the Davis County Fairgrounds across from Lagoon, just outside of Salt Lake City, Utah, heading West on exit 325 on I-15

Background

The Space Elevator competitions, marking their third year running, will feature teams from around the country and the world, vying for \$1,000,000 in cash prizes provided by NASA's Centennial Challenges program. Details are available at www.spaceward.org/elevator2010

"From what we've seen of the teams so far, we're looking forward to a very strong competition and an exciting race to the finish" said Ben Shelef, CEO of the Spaceward Foundation. "We're also looking to see some first-ever technology achievements in the field of Power Beaming"





This year will feature a new technology competition – “Light Racers” – that allows kids and young adults to take part in a realistic lunar exploration scenario and win cash prizes for their performance. The competition is open to school, family, and grown-up teams. The Light Racers also serve as a science education platform for teaching basic science and math topics. Details are available at <http://www.spaceward.org/lightRacers.html>

Meekk Shelef, president of the Spaceward Foundation: "We are thrilled to have added an educational component where kids can take part in the competition. Reaching out to the scientists and engineers of the future is the most important thing we can do."

The Space Elevator games concentrate on two far-reaching technology concepts that will enable NASA to enhance its space program – power beaming for wireless power transfer, and Nano-materials such as Carbon Nanotubes for strong structures.

Ken Davidian, program manager for Centennial Challenges: "I am excited and impressed with the evolution and level of technical maturity demonstrated by the teams in both the Tether and Beam Power Challenges. Over the past 24 months, individual teams started from scratch, have grown continually, have coalesced into communities, and are on the verge of accomplishing substantial achievements worthy of a Centennial Challenges prize."

Dr. Bradley C Edwards, the leading Space Elevator researcher and science advisor to the games: "The Space Elevator games, with their emphasis on strong tethers and power beaming, represent the road to building the Space Elevator. We hope their cumulative effect on the engineering community will enable further effort in this direction."

The Space Elevator is a revolutionary Earth-to-Space transportation system proposed in 1960 by Yuri Artsutanov and enhanced in 2000 by Dr. Bradley Edwards, then at Los Alamos National Labs. The system is comprised of a stationary cable rotating in unison with the Earth, with one end anchored to the surface of the planet and the other end in space. Electric cars then travel up and down the cable, carrying cargo and people.

For more information on the competitions, visit: <http://www.spaceward.org>, email ted@spaceward.org, or call (630) 240-4797.



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The Spaceward Foundation is a public-funds non-profit organization dedicated to furthering space science and technology in the public mindshare and in educational curriculums. We believe that expanding mankind's habitat is essential to its survival, and that the most effective way to induce long-term change is through education.

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