



JpSEC2008

The 1st Japan Space Elevator Conference 2008

November 15th - 16th, Tokyo

Japan Space Elevator Association (JSEA) will hold the first Japan Space Elevator Conference 2008 (JpSEC2008) where "the Space Elevator", the space vehicle having a potential to drastically change the future for mankind, will be discussed. The program details are described as below.

In this first conference, in addition to the technical sessions for scientists and engineers in the field, noticeable scientists and guests from both home and abroad will deliver lectures to widely introduce the Space Elevator to the public and provide the audience an opportunity to think about and discuss the future of Japan.

JpSEC2008 at a Glance

◇ Organizer	Japan Space Elevator Association
◇ Sponsors	Earth-Track Corporation, PTK Data, Co. ,Ltd.
◇ Date & Time	November 15th(Sat) and 16th(Sun), 10:00am - 5:00pm
◇ Location	Miraikan (the National Museum of Emerging Science and Innovation), Odaiba, Tokyo
◇ Conference Style	Session (Seminar), Exhibition
◇ Registration	Online registration form will be available on Oct. 1 at JSEA web site. Registration on the day may be possible, but not recommended due to the limited number of seats. Special materials (¥2,000) on your request. *1

◇ Registration Fee

Session Type	One-day Ticket	Two-day Ticket
Public Session/Exhibition (2 days)	¥1,000 (Free for elementary school kids and below)	
All Sessions (Public&Topics)		
• General	¥12,000	¥20,000 *6
• Student *2	¥3,000	¥5,000
• JSEA membership *3		
- Regular/Sponsor/Corporate *4	¥3,000	¥5,000
- Student	¥2,000	¥4,000
Social Party (Evening on Nov 15) *5		¥4,000

*1 "Leaving the Planet by Space Elevator" (Japanese Edition) by Dr. Edwards with his autograph. *2 Student ID is required. *3 Visit JSEA webpage to become a member and receive all the membership benefits. *4 A corporate membership is valid for up to 3 registered members. *5 Registration fee is required (the ticket is not sold by itself). *6 Advanced purchase discount ¥18,000 (by Oct 31).



■ Conference Schedule (Preliminary)

Simultaneous interpretation will be provided in English and Japanese for all the sessions.

DAY 1, Saturday, November 15

Public Session - "What is the Space Elevator?"	
10:00am – 10:10am	Opening Remarks, Invitation to JpSEC2008 <i>Mr. Yoshio Aoki, Director, JSEA</i> <i>Mr. Akira Tsuchida, Director, JSEA</i>
10:10am – 10:50am	<u>Keynote</u> : A Blueprint for Constructing the Space Elevator <i>Dr. Bradley Edwards, Co-Author of "Leaving the Planet by Space Elevator", Honorary member of JSEA</i>
10:50am – 11:10am	Space Elevator Overview <i>Mr. Shuichi Ohno, President of JSEA</i>
11:10am – 11:30pm	The Space Elevator Players in the World and Introduction to the JSEA Activities <i>Mr. Shuichi Ohno, President of JSEA</i>
11:30pm – 12:10pm	☆Movie "Space Elevator - the Future as Foreseen by Scientists"

Topics Session - "Closer to a reality – the Development Status on the Space Elevator"	
1:00pm – 1:30pm	The State-of-the-art Design of Space Elevator <i>Dr. Bradley Edwards, Honorary Member of JSEA</i>
1:30pm – 2:00pm	The Trend of Space Elevator Development in Europe <i>Mr. Markus Klettner, The European Spaceward Association</i>
2:00pm – 2:30pm	The Space Elevator Games with Monetary Prizes Sponsored by NASA <i>Mr. Ben Shelef, Spaceward Foundation</i>
2:30pm – 3:00pm	Dynamic Response Characteristics and Safety Design of the Space Elevator <i>Prof. Yoshio Aoki, Nihon University</i>
3:00pm – 3:30pm	Overview of Carbon Nanotubes <i>Mr. Tsuyoshi Hashimoto, Meijo Nano Carbon</i>
3:30pm – 4:00pm	The Development Status on Carbon Nanotube Cables at Cambridge University <i>Dr. Marcelo Motta, University of Cambridge, UK</i>
4:00pm – 4:30pm	The Development Status on Carbon Nanotube Cables at MIT/Nanocomp Technologies, Inc. <i>Mr. Stephen Steiner, Massachusetts Institute of Technology</i>
4:30pm – 5:00pm	The Problems and the Promise of the Space Elevator <i>Dr. Bryan Laubscher, Odysseus Technologies</i>

DAY 2, Sunday, November 16

Public Session - "Feel the Space Elevator!"	
10:00am – 11:00am	<u>Keynote</u> : The History of Space Elevator <i>Mr. Ryuichi Kaneko, Science Writer, Honorary Member of JSEA(*)</i>
11:00am – 11:20am	☆The Space Elevator Idea Challenge Awards Ceremony
11:20am – 12:20am	☆LEGO Climber Competition

Topics Session: "For the Future of Japan"	
1:20pm – 2:20pm	The Issues on the On-going Japanese Space Development <i>Mr. Shinya Matsuura, Science Writer(*)</i>
2:20pm – 2:50pm	The Japanese Concept on Space Train and the Study on the Seaport Candidates in Asia <i>Mr. Akira Tsuchida, President of Earth-Track Corporation</i>
2:50pm – 3:30pm	Introduction to Brunei - Announcement of the next Space Elevator Conference <i>Mr. Christophe Robles, Director of Marketing, Brunei Tourism(*)</i>
3:30pm – 4:00pm	The Concepts of Plasmatic Solar Sail applying Construction Climber and Fusion Rocket <i>Dr. Tomohiko Asai, Assistant Professor, Nihon University</i>
4:00pm – 4:50pm	A Strategy for Japan as a Maritime Nation <i>Prof. Keiichi Hatakeyama, Gakushuin Women's College</i>

(*)currently under coordination

Exhibitions/Demonstrations (Day 1 & 2)

- ◇ Demonstration of a Space Elevator experimental model
Prof. Aoki's Lab, Dept. of Precision Machinery Engineering, College of Science & Technology, Nihon University
- ◇ Exhibitions
JSEA, corporate sponsors and more