



International Space Station

## The 50th Anniversary

# 27<sup>th</sup> ISTS + Exhibition

## Toward the Next 50 Years!

**July 5 - July 12 ,2009 in Tsukuba City**

**Abstract Deadline: Dec.1 , 2008**

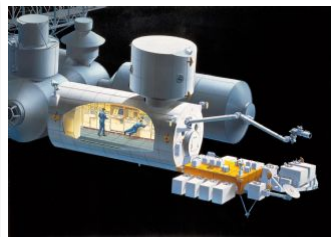
The 27<sup>th</sup> ISTS in 2009 will be the 50th anniversary of ISTS. The memorial symposium will be held in Tsukuba City where various international conferences and exhibitions have been held.

Tsukuba City is known as Japan's largest Research and Educational Area. Along with presentations of technical and scientific papers at ISTS, you will find a chance to visit research centers, including Tsukuba Space Center of JAXA, in technical tours of ISTS or before/after the Symposium. You can expect many researchers and engineers to the Exhibition, as well.

※Please note that ISTS will be held biennially in odd years, instead of even years, after the 27th Symposium. So, the 27th Symposium is going to be held in a consecutive year, as an exception.



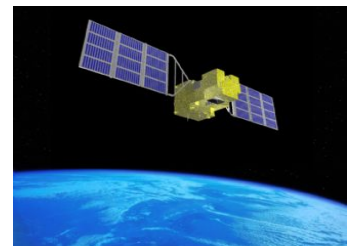
Mt. Tsukuba



Japanese Experiment Module (JEM) "KIBO"



Tsukuba Space Center, JAXA



Greenhouse gases Observing SATellite (GOSAT)

### Guidelines

- Date July 5 to July 12 ,2009
- Venue Tsukuba International Congress Center (EPOCHAL)  
2-20-3, Takezono, Tsukuba, Ibaraki, Japan  
About 10 min walk from either from "Tsukuba stn" of Tsukuba Express (TX) Line or "Tsukuba Center" of highway bus.  
<http://www.epochal.or.jp/eng/index.html>



■ Hosted by / Inquiry  
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## About ISTS

ISTS (International Symposium on Space Technology and Science) is the most popular international conference in Japan concerning space technology and science. Its objectives are to encourage specialists of space engineering, space science, space medical and space law to exchange information through presentations and to promote space related activities.

ISTS is organized biennially. Since the first symposium was held in 1959 in Tokyo, Japan, ISTS has been held constantly, recently biennially, in Japan. The last (26th) symposium whose main theme was "Space !! Go for it !" was held successfully in Hamamatsu City from June 1 till June 8 in 2008 in cooperation with some related organizations with 852 attendants from 26 countries and 642 presentations.

### *27<sup>th</sup> ISTS in Tsukuba : Call for Papers*

*Deadline for Abstracts : December 1, 2008*

#### **Organized Sessions :**

- 50 Years History and Future
- International Space Station Completion
- Lunar Science: Kaguya and beyond
- Innovation in Space Mission and Control Engineering

#### **Panel Discussions :**

- Space Solar Power Systems
- International Cooperation in Asian Pacific Region
- How space can contribute to sustainability of Earth ?

#### **Technical Sessions :**

- a) Chemical Propulsion and Air-breathing Engines
- b) Electric and Advanced Propulsion
- c) Materials and Structures
- d) Astrodynamics, Navigation, Guidance and Control
- e) Fluid Dynamics and Aero-thermodynamics
- f) On-Orbit and Ground Support Systems
- g) Space Transportation
- h) Space Utilization Science and Technology
- j) Satellite Communications and Broadcasting
- k) Solar System Exploration and Scientific Research
- m) Scientific Observations and Related Technologies
- n) Earth Observation
- p) Life Science and Human Presence
- r-1) Space Exploration, International Cooperation and New Missions
- r-2) Space Environment and Debris
- r-3) Space Law and Policy
- t) Systems Engineering and Information Technology
- u) Space Education and Outreach for the Benefit of All People
- s) Student Session

**Other Programs :** 50th Anniversary Special Programs, Poster Session, International Space Exhibition and Spacecraft Control System Design Contest

For more information : ( <http://www.ists.or.jp/> )