National Museum of Emerging Science and Innovation  
2007 Events Schedule

At the National Museum of Emerging Science and Innovation (Miraikan, Director: Mamoru Mohri, Address: Aomi, Koto-ku, Tokyo) the renewal and the addition of new contents to the Permanent Exhibitions and the presentation of Miraikan's original Special Exhibitions will take place during the year 2007.

As a science museum opened to all and designed to link people directly with the new wisdom of the 21st century, we will continue to carry out these and other significant activities during the coming new year. This new wisdom carries the great possibility of opening up the next era of tremendous, innovative change for the betterment of the human condition. At the heart of Miraikan's activities is cutting-edge science and technology. This is the "state-of-art knowledge and innovation" which Miraikan shares with the entire society, enriching human culture.

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Information

Open: 10:00～17:00 (Please make sure to enter at least 30 minutes before closing time.)
Close: Every Tuesday (Open on national holidays which fall on Tuesday), December 28 - January 1
Admission Fees: Adults: 500 yen, 18 years old and under: 200 yen *Special fees may apply for special exhibitions.

Restaurant/Café/Shop
- Museum Shop (1F) 10:00～17:00
- Café (5F) 10:00～17:00
- Restaurant (7F) 11:00～18:00
- Nursing room Baby’s Cafe (5F) 10:00～17:00

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1. The Museum Improvement

The Event Zone (Approx. 800 m²), which has been used as a space for events and Special Exhibitions, will expand, and starting March 24, 2007 the “Special Exhibition Zone” (Approx. 1,520 m²) will be installed. In addition to this, the Symbol Zone, where the Geo-Cosmos display is situated, required an admission fee but, beginning April 1st, admission to this area will be free of charge. (Note that charges may apply if events, etc. are being presented in this area.) Furthermore, with the installation of the “Special Exhibition Zone,” the exhibits of “The Earth Environment and Frontiers” which used to be divided on the 1st and 5th floor will be integrated on the 5th floor. Within these display areas, exhibits directly related to earth’s environment will be presented in a new area designated as “Considering the Earth Environment” starting March 14, 2007.

Outline of the Special Exhibition Zone

- **Name**: Special Exhibition Zone
- **Area**: Approximately 1,520 m² *The area can be divided in 2 areas (Special Exhibition Zone (a) approx. 720 m² / Special Exhibition Zone (b) approx. 800 m²
- **Ceiling Height**: 9.0m (6.0 m at the least)

* Due to the installation of the Special Exhibition Zone, the 1F "The Earth Environment and Frontiers I" area, will be closed starting January 9 (Tue.), 2007.

2. MEGASTAR-II cosmos New Program "Coincidental Planets"

As we combine information generated by the latest scientific achievements, we aspire to have our visitors ponder what are “planets” at their very essence. In addition, we will provide visitors with a new perspective to allow them to understand “life” as it exists and as it is created, as we contemplate the existence of the "planet earth.”

- **Release**: End of February 2007 (Planned)
- **Venue**: 6F Dome Theater GAIA

3. The Sales of the DNA Extraction Kit

The Science Workshop conveys cutting-edge science and technology through communication and experiments. Miraikan's original experiment kit integrates extensive knowledge and accomplishments that enable users to extract DNA from familiar foods will be available for purchase. User-friendly means you can easily enjoy experiments.

- **Sales**: Starting end of February 2007 (Planned)

4. Experience a Realistic View of Space in a 3 Dimensional Environment! Presenting the Overall Renewal of the Virtual Reality (VR) Theater!

The VR Theater will be upgraded to allow visitors to enjoy an amazing "space walk,” part of Miraikan's originally produced series based on the data offered by the 4 Dimensional Digital Universe Project of the National Astronomical Observatory of Japan, in a remarkably realistic 3 dimensional environment.

- **Release**: March 2007 (Planned)
- **Venue**: 5F VR Theater

5. The Introduction of the 4K High Definition Television System and 10 Gbit/s Ultra-Wideband Network

With the establishment of the 10 Gbit/s, Ultra-Wideband network-connecting environment, we will introduce a system which will link Miraikan with international and domestic research institutes on a real time basis. Furthermore, we will focus on the basic nature of scientific and technological research by conducting mutual exchanges with international and domestic scientists using 4K High Definition Television.

- **Release**: April 2007 (Planned)
6. Large-Format Images "Space Elevator - The Future of Which Scientists Dream" (Title to be confirmed)

In the year 20XX, we may be linked to the universe with a "Space Elevator" acting as a new bridge that extends from the ground to a stationary orbit at the limits of earth's atmosphere and beyond. Based on the travel story of a 12 year old girl who traveled to the universe, we will convey the message of "opening new territories for the future with incredible dreams being made real by scientists" using a new animation style.

- Release: Early June (Planned)
- Venue: 6F Dome Theater GAIA

7. Year of 2007 ASPAC annual assembly

The National Museum of Emerging Science and Innovation will host the ASPAC annual assembly for the year of 2007, and will join in celebrating ASPAC's 10th anniversary. Miraikan director Mamoru Mohri was appointed as the Vice President of ASPAC for the year 2007 - 2008.

ASPAC (The Asia Pacific Network of Science and Technology Centres) was established in 1997 to promote science and education while facilitating smooth communication and cooperation between relative organizations and science centers in the Asian-Pacific region. Emphasizing activities for the promotion of understanding towards science and technology, 35 institutes such as exhibition design businesses, children's museums, science museums, and science centers of 17 countries mainly of the Asian-Pacific region yet, including Europe and US are members of ASPAC. This 7th assembly will be held at Miraikan.

- Title of annual assembly: The ASPAC Conference 2007
- Term: June 19 (Tue.) - June 22 (Fri.), 2007
- Venue: National Museum of Emerging Science and Innovation
- Theme: Bridging Gaps in Innovative Ways
- ASPAC Website: http://www.aspacnet.org/

8. Robot New Exhibition "Freely wherever" (Title to be confirmed)

Scientists created a mobile robot and a remote control device and dreamed to "create with robot technology a machine helpful to humans that can move freely as it coexists with nature and flexibly, adapt to various conditions" will be. The visitors can realize the dream through this new exhibit of going “wherever freely” by controlling the mobile robot, result of the latest research.

- Release: Early July 2007
- Venue: 3F within the exhibition area of the "Innovation and the Future"
- Cooperation: Futuer Robotics Technology Center (fuRo) , Chiba Institute of Technology

9. Presentation of the Miraikan Booth for "The Future Kyushu Children's Expo 2007"

Miraikan will present a booth with the title "A Trip to the Far Universe" for the Space Zone of the YUME HAKKEN KAN (Dream Discovery) of "The Future Kyushu Children's Expo 2007" commemorating the 130th anniversary of the founding of Nishinippon Shimbun.

- Term: July 21 (Sat.) - November 25 (Sun.), 2007
- Venue: Greenland Resort (Arao city, Kumamoto Prefecture)
10. Summer Night Museum

During the 5 days from August 13 (Mon.) through August 17 (Fri.), following last year's example, the museum hours will be extended during the night as part of the "Summer Night Museum" series. Events and demonstrations, featured by all visitors, adults as well as children.

Term August 13 (Mon.) - August 17 (Fri.), 2007 (5 Days)

11. MEGASTAR-II cosmos New Program "The Gentle Night"

It will be the 4th of our original, series highlighting the breathtaking MEGASTAR-II cosmos. Under the overall editing of the poet Shuntaro Tanikawa, the poetic program entices you consider the nature of each district and the existence and lifestyles of the various people who live on this planet earth.

We will link the starry sky and the sound of "night" as they are experienced at 6 different areas across our planet earth with the poems specially written by Mr. Tanikawa.

Release Middle of December 2007 (Planned)

Venue 6F Dome Theater GAIA

Run time Approximately 30 min.

12. Special Exhibition Notice

Science News! from Asia Exhibition ~ Power of Asia, Power of Science

We who live in Japan are a part of Asia, and yet we note that the diversity of culture and environment which is Asia is difficult to grasp. Asia is overwhelmingly filled with possibilities and questions regarding the future. This Special Exhibition conveys the power of science and the power of Asia as it strives to discover a vision of the future by considering the realistic relationship between Asia, science, and the close but depthless vastness and diversity of Asia itself. By taking a look at the power of science that lies with Asia and the power of Asia within science, we will introduce a fresh perspective of cutting-edge science and technology.

Term June 2 (Sat.) - September 2 (Sun.), 2007

Venue 1F Special Exhibition Zone a

Admission Fee Adults: 900 yen/18 and under: 350 yen (Permanent Exhibition can also be viewed)
                  Group (8 or more people): Adults: 800 yen/18 and under: 310 yen
                  * Free admission for those in possession of a Disability Book and one accompanying person

UNDERGROUND – Adventure in the Darkness created by Imagination and Science

The underground world beneath us is quite unknown. Yet the underground deeply, quietly and steadily continues to evolve as it influences the stories of life above ground. The key to solving the future of the 21st century is perhaps now resting below our feet. In this exhibition, we will get explore this unusual, extensive world and is advanced scientific research results designed to unlock the underground’s secrets.

Release Fall 2007

Venue 1F Special Exhibition Zone

Admission Fee Adults: 900 yen/18 and under: 350 yen (Permanent Exhibition can also be viewed)
                  Group (8 or more people): Adults: 800 yen/18 and under: 310 yen
                  * Free admission for those in possession of a Disability Book and one accompanying person