- Open hours 9:15 17:00 (no admission after 16:30)

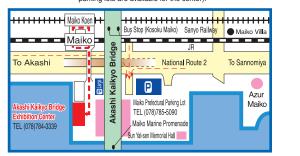
   \* July 20 August 31: 9:15 18:00 (no admission after 17:30)
   \* December 1 February 28: 9:15 16:30 (no admission after 16:00)

  Closed Mondays (closed on the next day if Monday is a national holiday)Dec. 29 Jan. 3
- Open every day during the Golden Week holidays (from late April to early May) and from July 20 to August 31
- Admission fee Adults: 310 yen; Elementary school and junior high school students: 150 yen; Specially discounted fee for people who are 65 years old or older: 200 yen \* Senior discounts (65 or over); Please show an ID or other document verifying your age.
- Discounts OGroup discount: For groups of 20 people or more: Adults: 270 yen Elementary school and junior high school students: 130 yen
  - Common ticket for the 3 facilities: 680 yen (for adults only)

Access

Parking

- (Sun Yat-sen Memorial Hall, Maiko Marine Promenade, and Bridge Exhibition Center) A person who has Physical Disability Certificate, Rehabilitation Certificate or Mental Disability Certificate, and one caregiver: free of charge
- OA visitor who has Hyogokko Kokoron Card and Nobinobi Passport: free of charge
- ○5 minute walk to the south (toward the sea) from the JR Line Maiko Station 7 minute walk to the south (toward the sea) from the Sanyo Electric Railway Line Maiko Koen Station
- 7 minute walk to the south (toward the sea) from Kosoku Maiko Bus Stop
- OFrom the direction of Sanyo Expressway and Chugoku Expressway:
- About 9 km south from Fusehata Interchange on E28 Kobe Awaji Naruto Expressway From Kobe and Osaka:
- About 4 km south-west from Takamaru Interchange on E93 Daini Shinmei Expressway OFrom Awaji Island and Shikoku:
- About 6 km south-west from Tarumi Interchange on E28 Kobe Awaji Naruto Expressway OFrom Himeji:
- About 10 km south-east from Tamatsu Interchange on E93 Daini Shinmei Expressway Please use the Malko-Park parking lot (fee necessary). (No private parking lots are available for the center).







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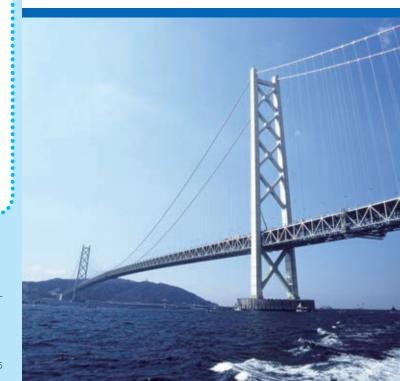








## Akashi Kaikyo Bridge Exhibition Center





4-114, Higashi-maiko-cho, Tarumi-ku, Kobe-shi, Hyogo-ken, 655-0047 TEL (078)784-3339 FAX (078)784-8888 Website http://www.hashinokagakukan.jp

# Welcome to the **Akashi Kaikyo Bridge Exhibition Center**

The Bridge Exhibition Center offers the opportunity to learn about the bridge-building technologies used to construct the Honshu-Shikoku Bridges, including the Akashi Kaikyo Bridge, through scale models, videos and panel displays. The center was designed to be an experience-oriented facility where visitors can view, touch and explore the exhibits. Please enjoy your visit.



1 Introduction to Honshu-Shikoku Bridges 5 Construction of Bridge (Cables) 9 Bridges of the World and Japan 6 Construction of Bridge (Stiffening Girders) 10 40 m Model of Akashi Kaikyo Bridge Used in Wind Tunnel Tests 2 Bridge Design 3 Construction of Bridge (Substructure) 7 360° VR Experience Zone 11 3D Theater Gallery 12 Museum Shop 4 Construction of Bridge (Main tower) 8 Bridge Maintenance Technology 13 Relaxation Space (free admission area)

## 360° VR Experience Zone

#### Open in April 2018

Experience 360 panoramic views from the Akashi Kaikyo Bridge at a height of 300m or "inspect the bridge" walking on a cable. Be aware that this activity is not advised for people who are terribly afraid of heights. It is not allowed for anyone under the age of 13.



#### 3D cinematic experience

Overwhelming images on a large 200-inch size screen Three video programs on the bridges can be viewed in the theater room of the Bridge Exhibition Center. 3D images that when viewed with the special glasses will make you feel part of the scene.

| Program Title   | Running Time |       |       |       |       |       |       |       |
|---|--------------|-------|-------|-------|-------|-------|-------|-------|
| "Visits to Bridges"                                   |              | 10:00 | 11:00 |       | 13:00 | 14:00 | 15:00 |       |
| "Let's learn about Akashi Kaikyo Bridge with Wataru!" | 9:30         | 10:30 | 11:30 | 12:30 | 13:30 | 14:30 | 15:30 |       |
| "Road across the sky"                                 |              |       |       | 12:00 |       |       |       | 16:00 |

### 40 m Model Used in Wind Tunnel Test

The main span of the Akashi Kaikyo Bridge is one of the largest in the world (1,991m) and thus has to be very stable in wind. Wind tunnel tests were therefore repeatedly carried out using a 40 m long 1/100 scale model of the bridge. The model used in the wind tunnel tests is now on exhibit in the overhead space of the center. The girder deflection at a wind velocity of 60 m/sec is simulated 5 times a day.

Simulation Time 10:50 11:50 13:50 14:50 15:50

#### Exhibits at the Bridge Exhibition Center

#### - How was the Akashi Kaikyo Bridge constructed?

The records of the process in which the Akashi Kaikyo Bridge was constructed, from the planning, investigation and design, right through to the substructure and superstructure, as well as the technological developments. are all on presentation within the center. Visitors can operate models of the devices used in the construction of the caissons and stiffening girders.

#### Bridge Maintenance Technology

We aim to be able to utilize the Honshu-Shikoku Bridges for at least 200 vears or more. This section introduces the technologies used in making inspections and repairing the long-span bridges in an effective but safe manner.

## **Museum Shop**

The shop sells DVDs containing a film on building the Akashi Kaikyo Bridge, goods featuring WATARU -- the Honshu-Shikoku Bridges character. and more.





tourist information section.

Vending machines are also

located there, making it a

good place to relax for a

while.