

## Short Lecture

Sorry! Short Lecture is in Japanese only.

Mitaka  
Open House Day  
Pre-Open

2016  
Oct. 21  
14:00~19:00

### S1 20-cm Telescope Dome 14:00-17:00 (Last entry 16:30)

Solar Observation  
14:00-15:00 (Fine Weather Only)

Open Facilities, Demonstration

### S6 Observatory History Museum 14:00-17:00 (Last entry 16:30)

#### (GF) Exhibition of authentic Historical Books

Exhibition of real Historical Books today only !  
Theme: " Seasonal Terms and Calendars "

Exhibition

### S7 Solar Tower Telescope 14:00-17:00 (Last entry 16:30)

#### Building Interior Open

You can tour the inside of the building.(Usually only the exterior can be viewed.)  
In fine weather, you can see the spectrum of the Sun.

Open Facilities, Demonstration

### S3 Resting Room 14:00-17:00 (Last entry 16:30)

#### Exhibition of Paper Cutouts

Exhibition of beautiful paper cutouts.  
(Production : Junko Oguri)

Exhibition

### C2 Main Building 14:00-19:00

All of the events will end at 19:00. Please allow time to look around.

#### ① JASMINE Project Office

Introduction to the Japan Astrometry Satellite Mission for INfrared Exploration(JASMINE.)  
Exhibition of the satellite model, stereoscopic vision with red and blue glasses.

Exhibition ☐ Demonstration ☐ Experiment ☐

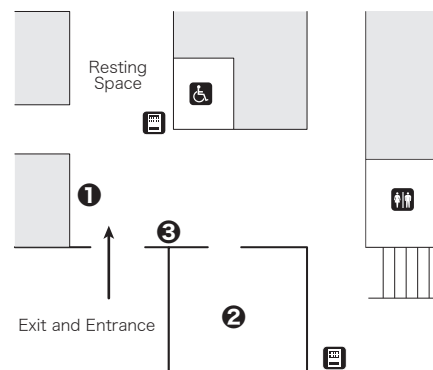
#### ② Hinode Science Center

Photo exhibition of the achievements of the solar observation satellite "Hinode," which has celebrated its 10th anniversary from launch.

We will introduce the behind-the-scenes research through observation planning experience.

Exhibition, Observation Planning

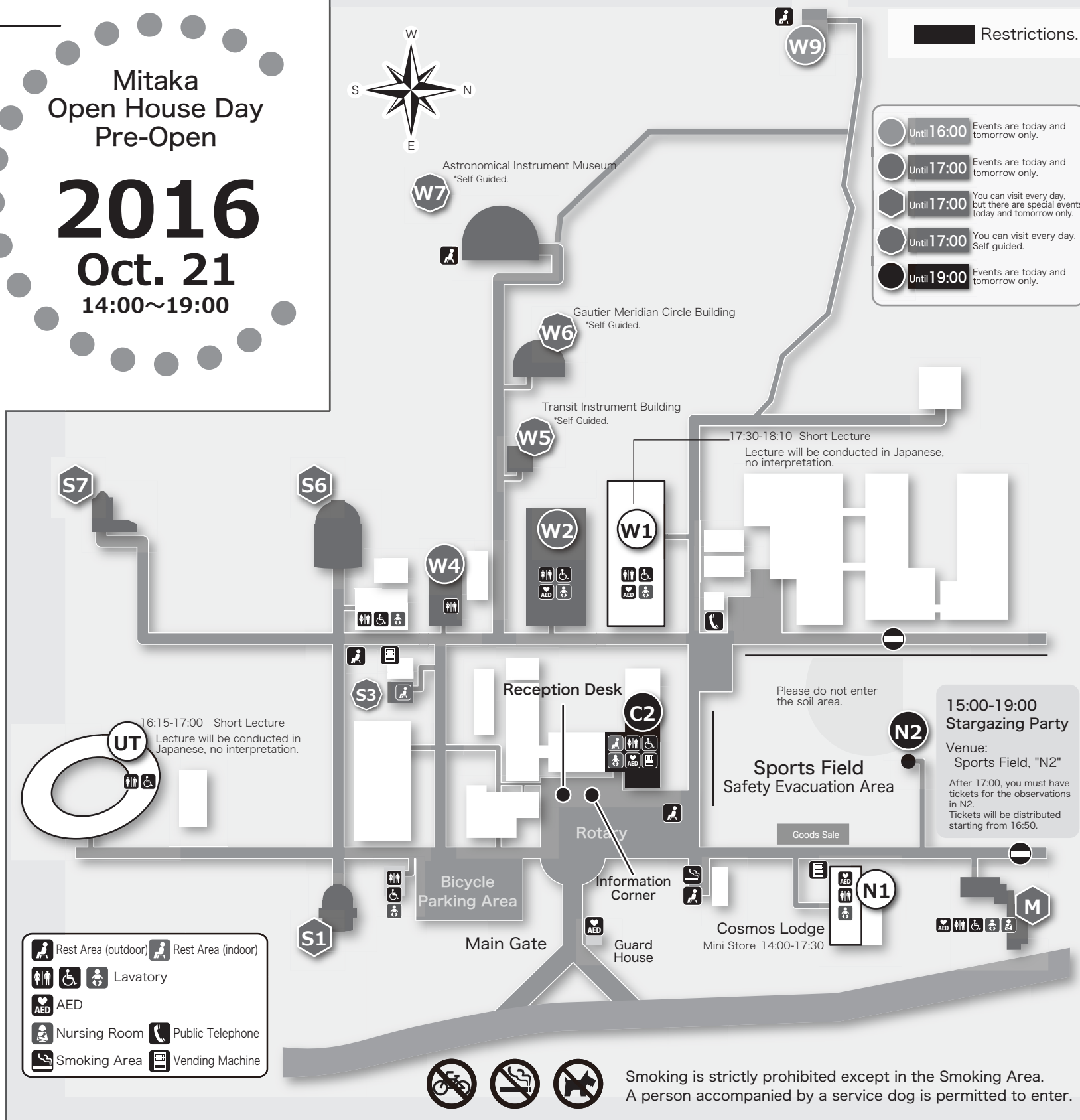
☐ Demonstration ☐ Photo Exhibition



#### ③ Ask a Researcher!

[15:00-19:00]

Let's ask the National Astronomical Observatory of Japan researchers!



Restrictions.

Tickets are required. ☐ Children can enjoy.

### W9 Solar Flare Telescope 14:00-16:00 (Last entry 15:30)

#### Solar Observatory

Weather Permitting.

Introduction to the Solar Observatory.

Open Facilities, Exhibition

### W2 ALMA Building 14:00-17:00 (Last entry 16:30)

#### NAOJ Chile Observatory

Introduction to the Atacama Large Millimeter/ submillimeter Array (ALMA.)

Mini-lectures by researchers, 5000-m altitude

ALMA site VR experience.

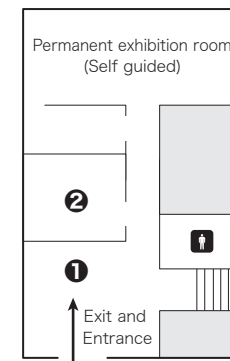
(Requires tickets. Limited to 13 years of age or older.)

Exhibition  
Experiment

☐ Demonstration

☐ VR Experience

### W4 Exhibition Room 10:00-17:00 (Last entry 16:30)



#### ① TMT-J Project Office

Exhibition of TMT model (1/100) and mirror material.

Exhibition  
Quiz

#### ② Public Relations Center

Introduction to the Outreach and Education Office and OAO\*.

\* IAU Office for Astronomy Outreach

Exhibition

### M Mitaka Picture Book House in the Astronomical Observatory Forest 10:00-17:00 (Last entry 16:30)

Normal opening

## Tomorrow's events

This year, there is a lecture in English. Please join us.

13:00-14:10

### Listening to the Universe with Gravitational Waves

FLAMINIO, Raffaele (NAOJ Specially Appointed Professor)

September 14, 2015: one hundred years after the establishment of the theory of general relativity by Albert Einstein, scientists detected gravitational waves for the first time. This event is the achievement of more than 50 years of research by three generations of scientists around the world. It is the beginning of a new type of astronomy. But, what are gravitational waves? How are they generated? How do we detect them? In this presentation, the answers to these questions will be provided together with the many open questions that gravitational wave astronomy is attempting to answer.

Please look at the web site for more information.

<http://www.nao.ac.jp/en/open-day/2016/>