

CCSDS CMC Meeting  
ISO TC20/SC13 Meeting

Tokyo 2023 Spring



# Overview

DATE for meeting: 30 May - 1 June (Tue-Thu) 2023

PLACE of meeting: Akihabara, Tokyo

Optional Site tour to Usuda/Misasa: on 2 June (Fri)

# Schedule *(case of 2.5-day meeting)*

CCSDS CMC Meeting / ISO TC20/SC13 Meeting / Site tour

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Day 1 (30 May Tue.)      1<sup>st</sup> Day Meeting

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Day 2 (31 May Wed.)      2<sup>nd</sup> Day Meeting

*+ Non-Host Dinner*

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Day 3 (1 June Thu.)      3<sup>rd</sup> Day Meeting

*Leaves Tokyo for Site Visit in the afternoon*

*(overnight stay)*

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Day 4 (2 June Fri.)

*Site Visit to New Deep Space Station  
One and half day trip*

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# Meeting Venue

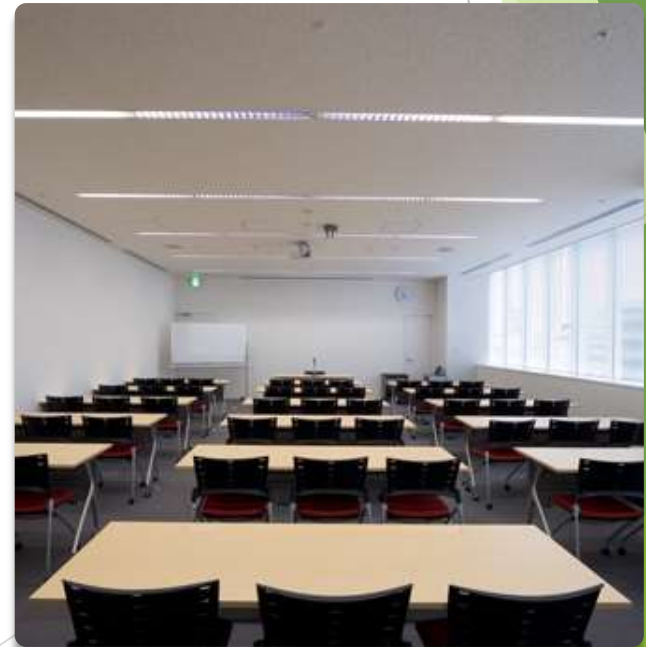
## ▶ AKIBA PLAZA

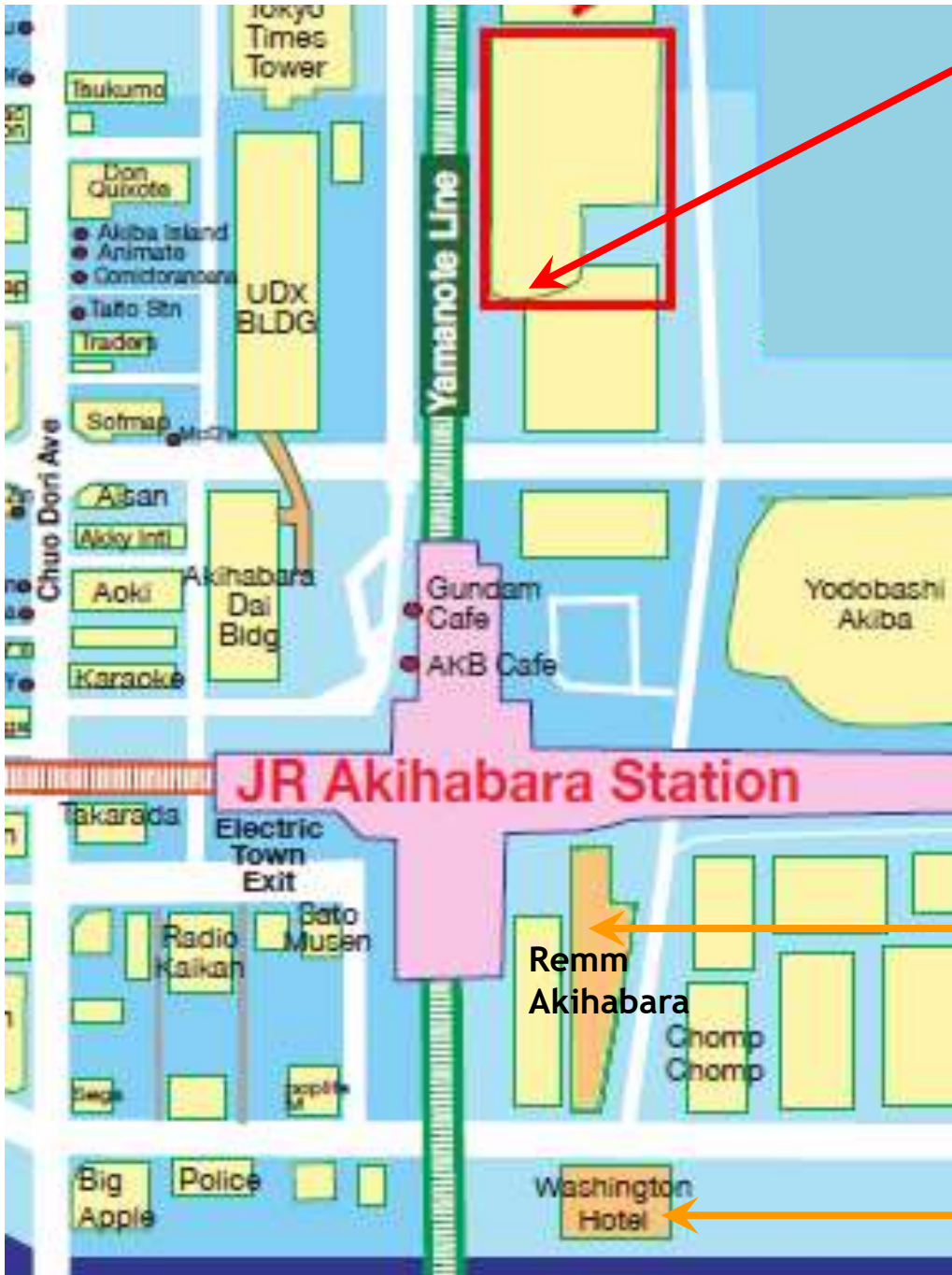
AKIBA PLAZA

<https://www.fsi.co.jp/akibaplaza/en/>

- 2 minutes walk from JR AKIHABARA Station Central Gate
- All sorts of restaurants and cafes are in the area.
- Google Map

<http://goo.gl/maps/xCevP24D18u>





AKIBA PLAZA

## Akihabara Area Map

REMM  
AKIHABARA

WASHINGTON HOTEL  
AKIHABARA

# Hotels in Akihabara

## ▶ Remm Akihabara



<https://global.hankyu-hotel.com/remm-akihabara/>



## ▶ Washington Hotel Akihabara



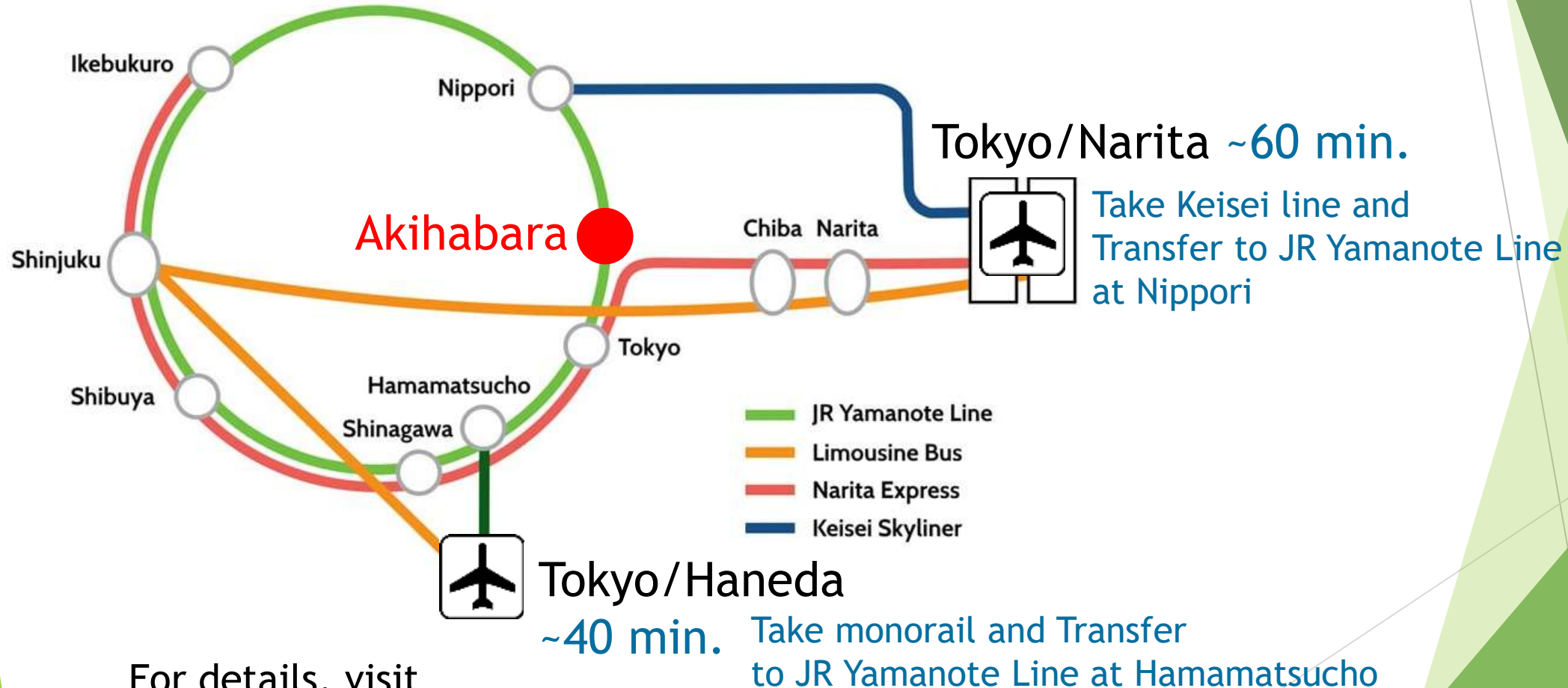
<https://akihabara.washington-hotels.jp/>



- Both are within 5 minutes walk to the meeting venue.
- block reservation cannot be offered.  
Please make a reservation by yourself.  
There are many options to choose from in this area!

# Access from the airports to Akihabara

There are two international airports in Tokyo area.



For details, visit

<http://www.gotokyo.org/en/tourists/info/access/access1.html>

# Technical Site Tour to Usuda/Misasa

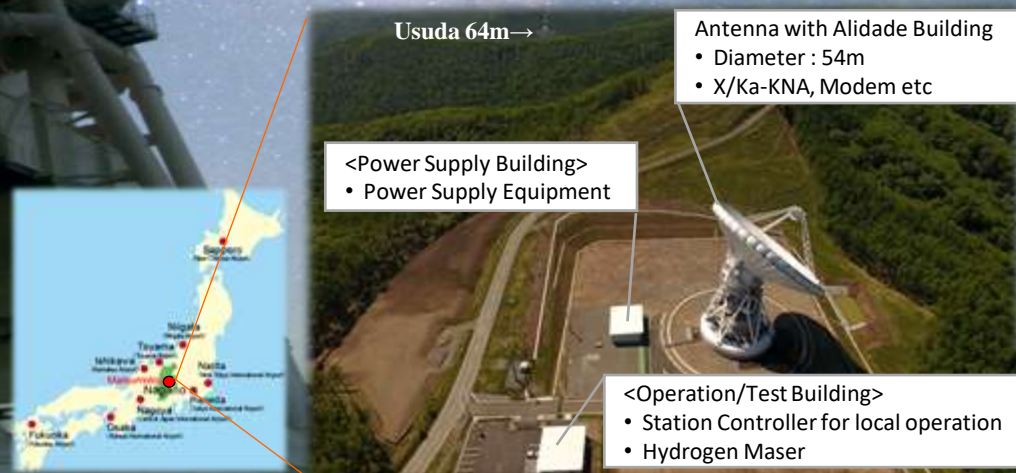
- One and half day tour (one-overnight stay)
- Thursday afternoon to Friday, 1-2 June 2023
- Field tour to Usuda and Misasa DS stations:
  - AM: Misasa 54m (if time allows, visit to Nobeyama Radio Astronomy site)
  - Lunch at Usuda facility
  - PM: Usuda 64m, then comeback Tokyo

	Time from/to Tokyo	JAXA arrangement	Participant' fee
1 June (Thu)	Leaves Tokyo at 3pm (after the CMC meeting) Arrives at hotel at 6pm for evening meal at hotel or near-by restaurant	Bus to/from Tokyo	Hotel and meals
2 June (Fri)	Leaves hotel at 9am Site tour Leaves station at 3pm, Arrives at Tokyo at 7pm		



# On-going upgrade of the MDSS 54m antenna system

- ❑ The initial development of Misasa Deep Space Station (MDSS) was completed in JFY2020.
  - ✓ MDSS is now in service and User's Guide available (<https://www.isas.jaxa.jp/home/great/english/indexen.html>)
- ❑ The second phase of development has started in June 2021 as "GREAT2" project.
  - ✓ Improvement of the reliability and stability of the MDSS station (redundant systems, spare parts, emergency power generation equipment)
  - ✓ Add functions to support future spacecraft (ESA: BepiColombo, HERA NASA: Roman JAXA:MMO,EQUULEUS,MMX, DESTINY+, LUPEX,etc ) to replace the USUDA 64m station (64m is on operation *at least* till JFY 2023).
    - ✓ SLE-Gateway for external users
    - ✓ 26GHz Rx and data transfer to external users via AWS cloud services.
    - ✓ (to be completed by March 2024)



# Misasa Deep Space Antenna

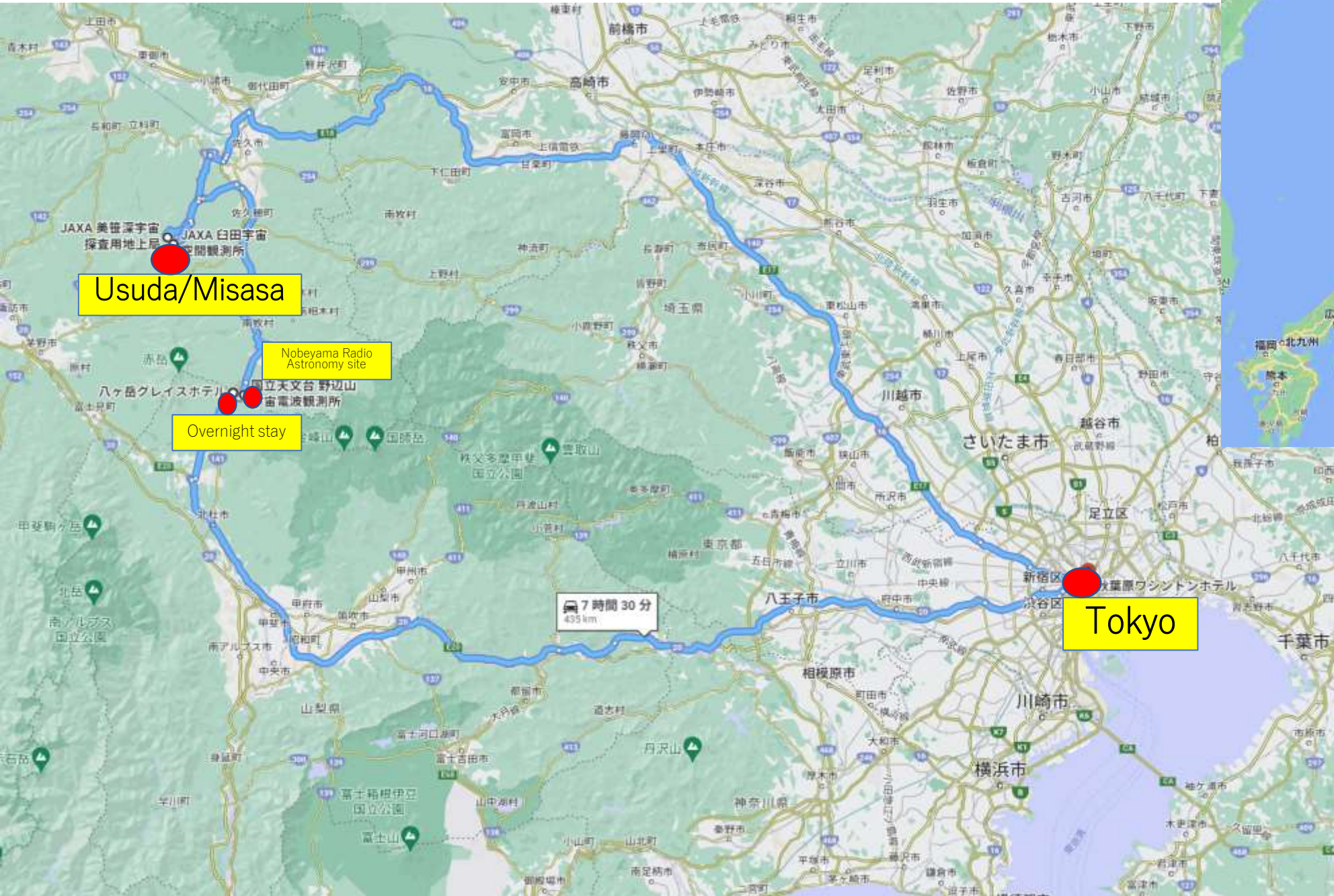
Usuda 64m antenna station



New 54m antenna station



# Site tour (route from Tokyo to Usuda/Misasa)





全室「八ヶ岳ビュー」。

どの客室にお泊まりいただいても、雄大な  
目の前に雄大な八ヶ岳を望むことが  
四季や時間帯で表情を変える。

# Where do we stay??

Guest Room

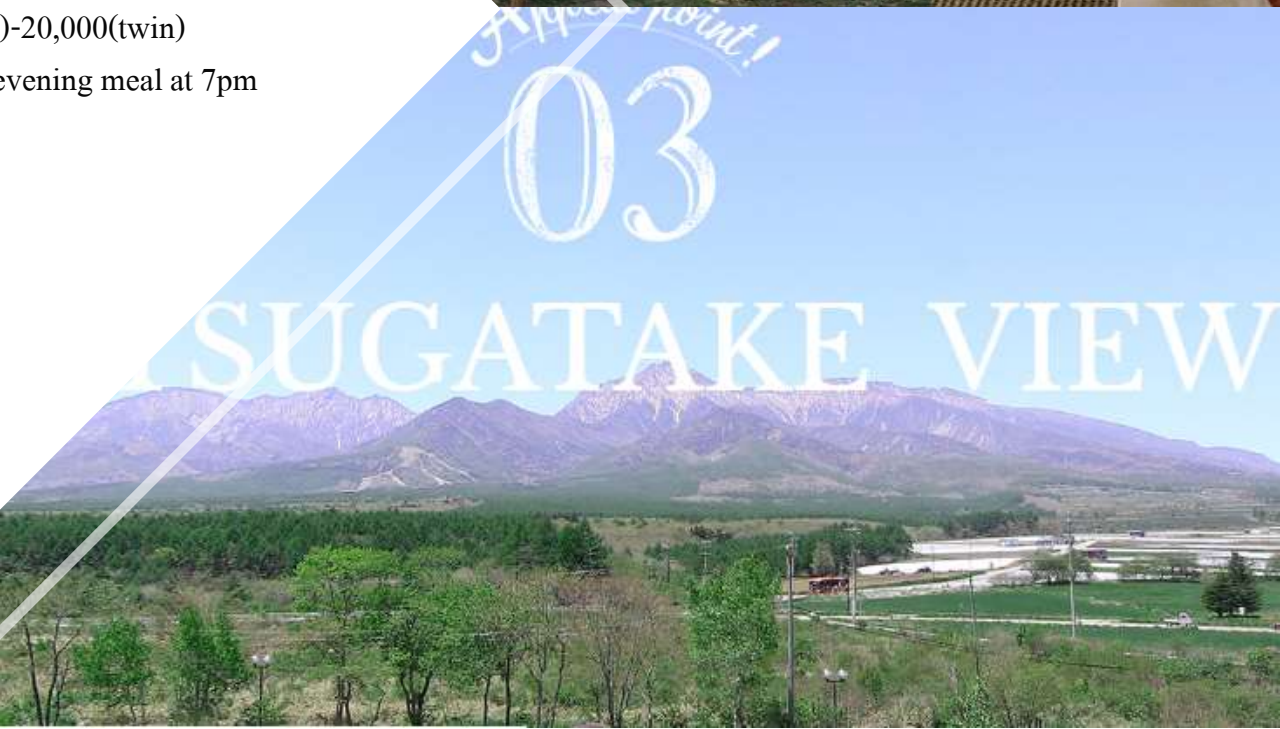
One candidate hotel near Nobeyama Radio Astronomy site

Half board ¥16,000(single)-20,000(twin)

we should be there by 6pm for evening meal at 7pm



施設案内



# For your attention

*Please indicate your participation in the site tour (for hotel booking by JAXA)*

*Please make hotel reservation for Tokyo stay by yourself*

*Please contact us in advance if you need a visa to enter Japan*