



# **54<sup>th</sup> ASRC International Workshop** ***Sakura-2019***

## **“Nuclear Fission and Structure of Exotic Nuclei ”**

Advanced Science Research Center, JAEA,  
Tokai, Japan  
25-27 March 2019

# Supported by

*Reimei Program of* Advanced Science Research Center, JAEA  
“ Exploration of the new island of asymmetric fission ”



# ASRC International Workshop @ Tokai

5th ASRC International Workshop

***"Perspectives in Nuclear Fission"***

14-16.March.2012, Tokai

Participants 71 (from abroad 33 )



10th ASRC International Workshop

***"Nuclear Fission and Decay of Exotic Nuclei"***

21-22.March.2013, Tokai

Participants 47 (from abroad 16 )



16th ASRC International Workshop

***"Nuclear Fission and Structure of Exotic Nuclei"***

18-22.March.2014, Tokai

Participants 60 (from abroad 27)

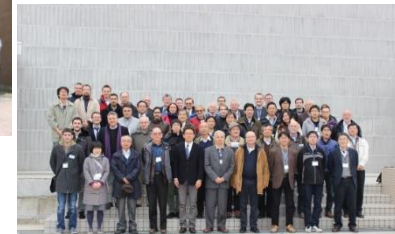


22nd ASRC International Workshop

***"Nuclear Fission and Exotic Nuclei"***

3-5.December.2014, Tokai

Participants 64 (from abroad 32 )



27th ASRC International Workshop

***"Nuclear Fission and Exotic Nuclei"***

1-2.December.2015, Tokai

Participants 49 (from abroad 18 )



40th ASRC International Workshop

***"Experimental and Theoretical Advances in Fission and Heavy Nuclei"***

12-32.December.2016, Tokai

Participants 48 (from abroad 22 )



ASRC International Workshop

***"Decay and Survival Properties of Heavy Nuclei towards Super-Heavy Island"***

7- 8. November 2017, Tokai

Participants 18 (from abroad 5 )

# “Nuclear Fission and Structure of Exotic Nuclei”

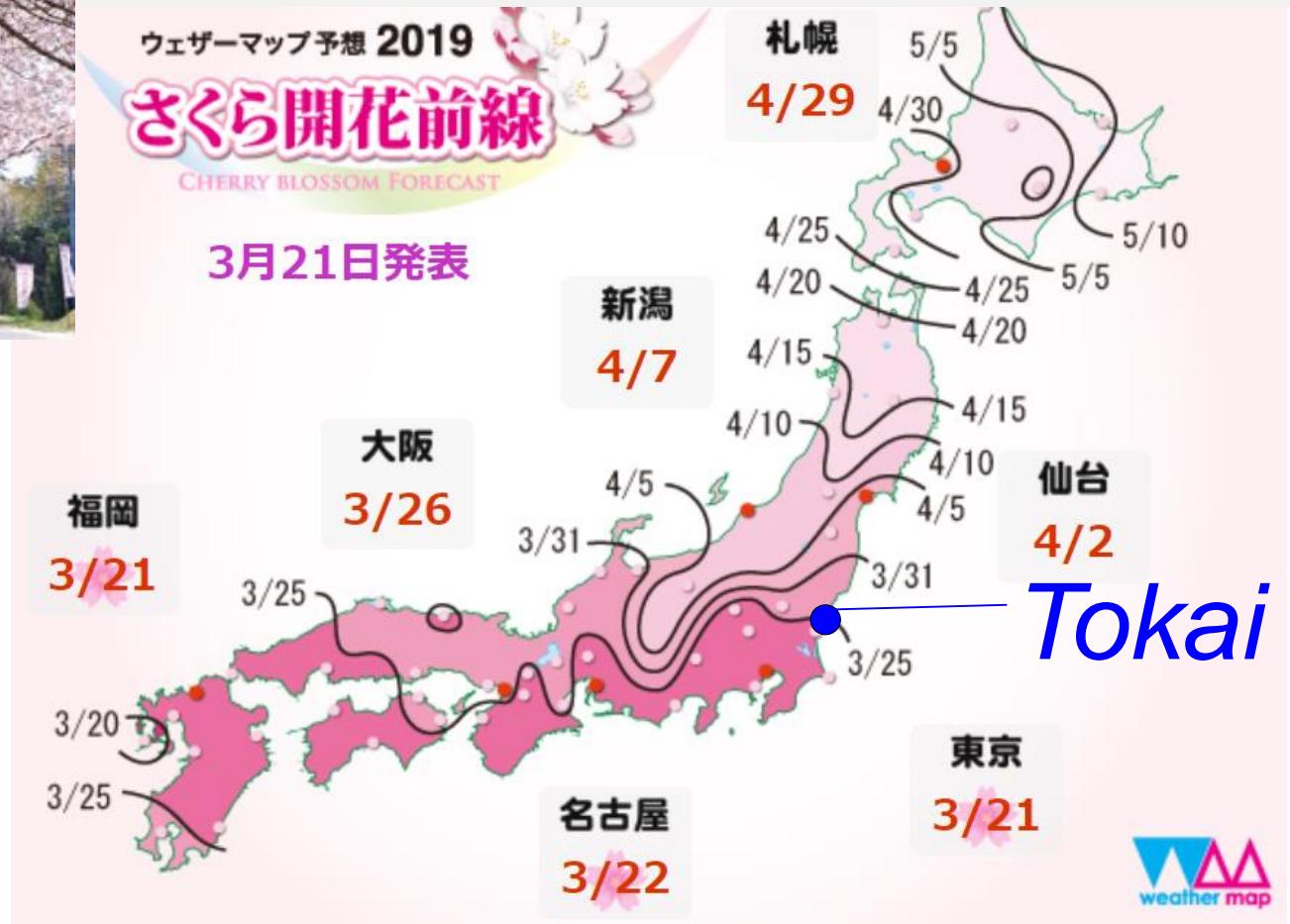
**Sakura-2019** 25-27 March 2019, Tokai

Participants 70 (from abroad 36)



Cherry tree  
**桜 Sakura**

## “Sakura blooming front” (開花前線)





“Sakura blooming” (開花)

5–6 flowers opens in the sample tree

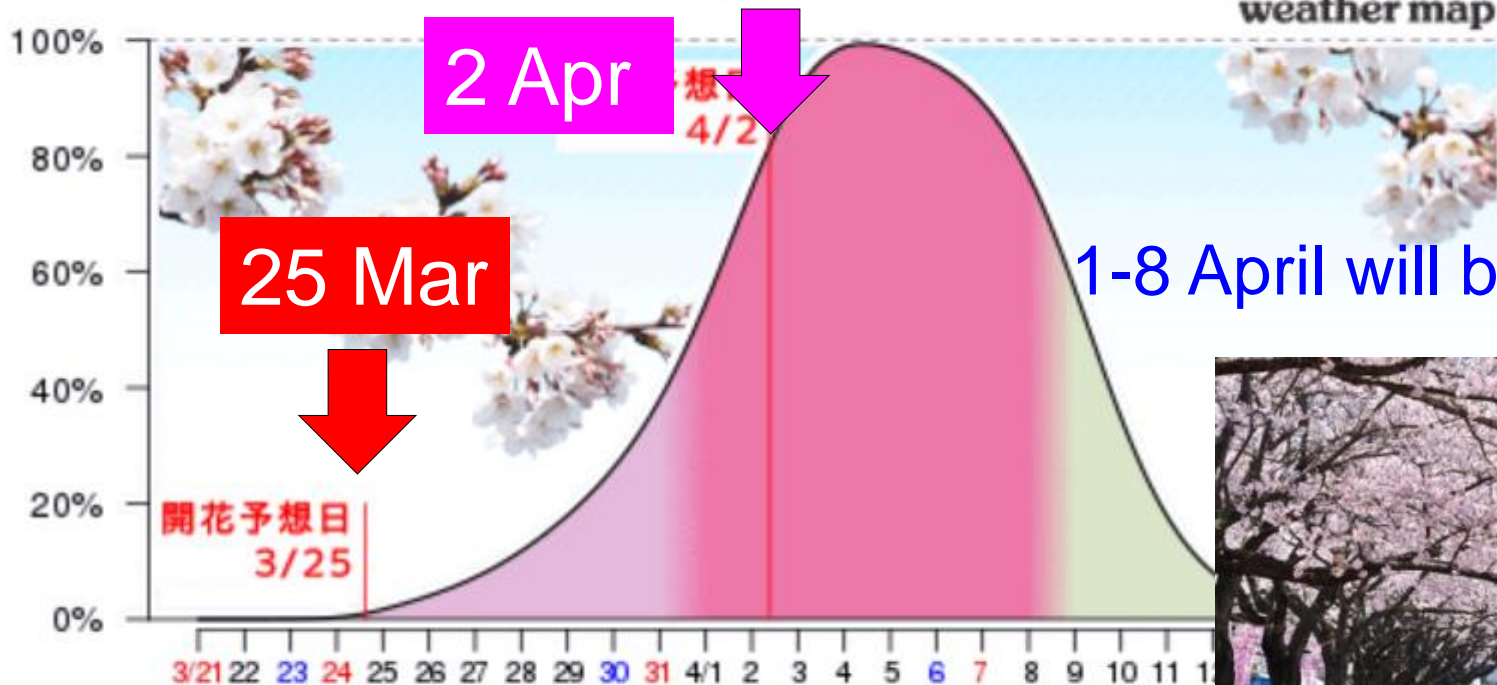
“Full bloom” (満開)

80 % opened.



2019-03-21

水戸 Mito



1-8 April will be the best



“Sakura blooming” : “Full bloom”

# Tokai Campus, JAEA



Tokyo

J-PARC

Tandem Accelerator  
Facility

Masago  
International lodging

Main gate

Workshop Venue



# Program

## Social Dinner (Today)

Restaurant “*Uoyasu*” ( 18:30 – 20:30 )

Walking distance.

## Workshop Photo (26<sup>th</sup> Tue.)

After the end of morning session, 12:00

## Tandem Accelerator Facility Tour (27<sup>th</sup> Wed.)

After the end of session, 16:20 – 17:30.

(Please write your name on the participant list)

# Information

## Presentation

25 min (20 min talk + 5 min discussion)

20 min (16 min talk + 4 min discussion)

Please store your presentation file before your session starts.  
We want to open the presentation slides on the Web.

## Lunch

JPY 500/lunch, choose one from two courses at the  
Ground Floor Canteen.

## When you go outside the Campus

Please return back your entrance card  
to the Main Gate Security



## For people staying at Mito city

Bus for JAEA main entrance

26<sup>th</sup> : 8:20 from JR Tokai station

27<sup>th</sup> : 8:20 from JR Tokai station

Bus for JR Tokai station

Today: 20:45 from Restaurant “*Uoyasu*”

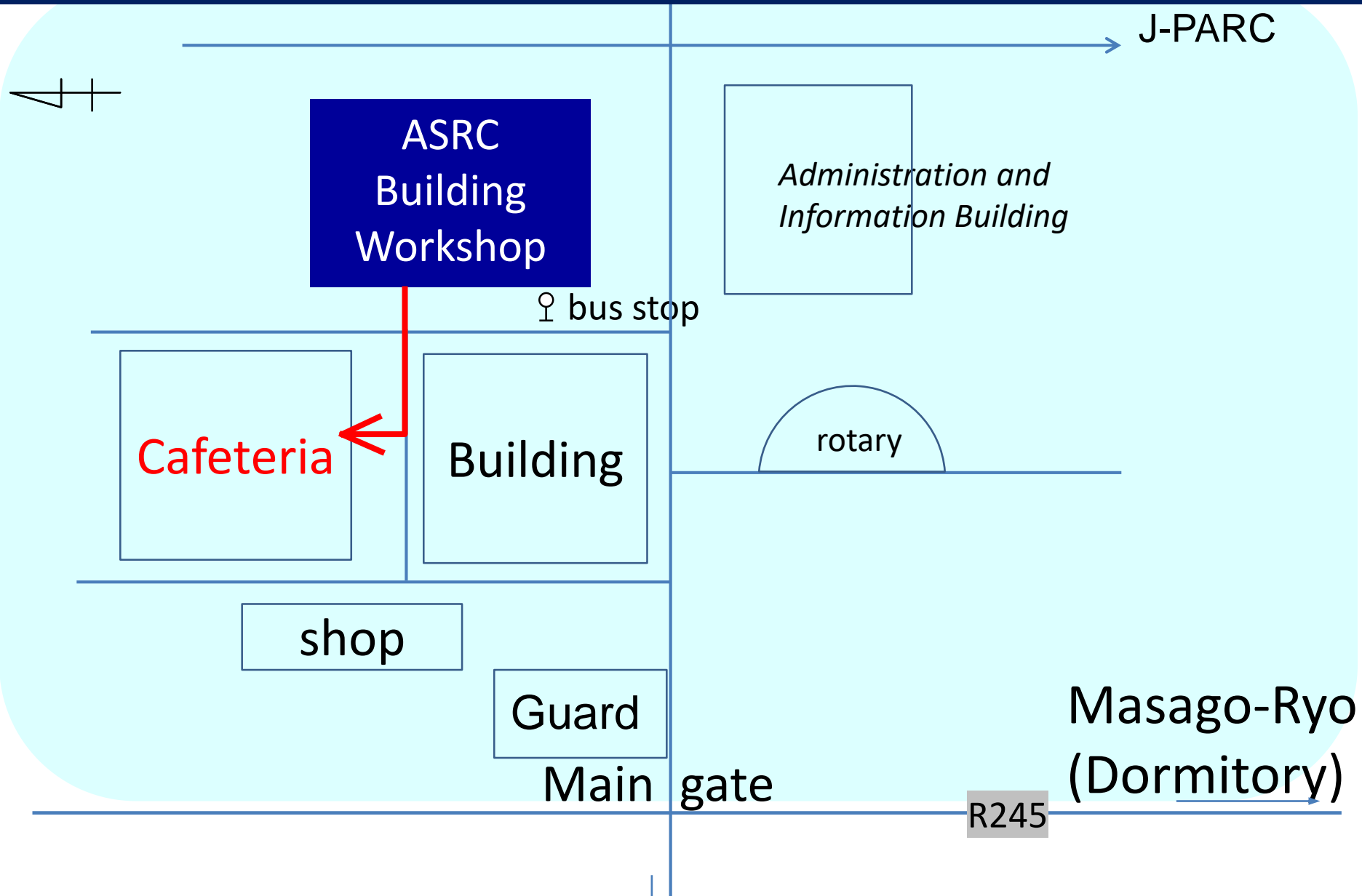
26<sup>th</sup> : 18:30 from JAEA main entrance

27<sup>th</sup> : 16:55 from JAEA main entrance

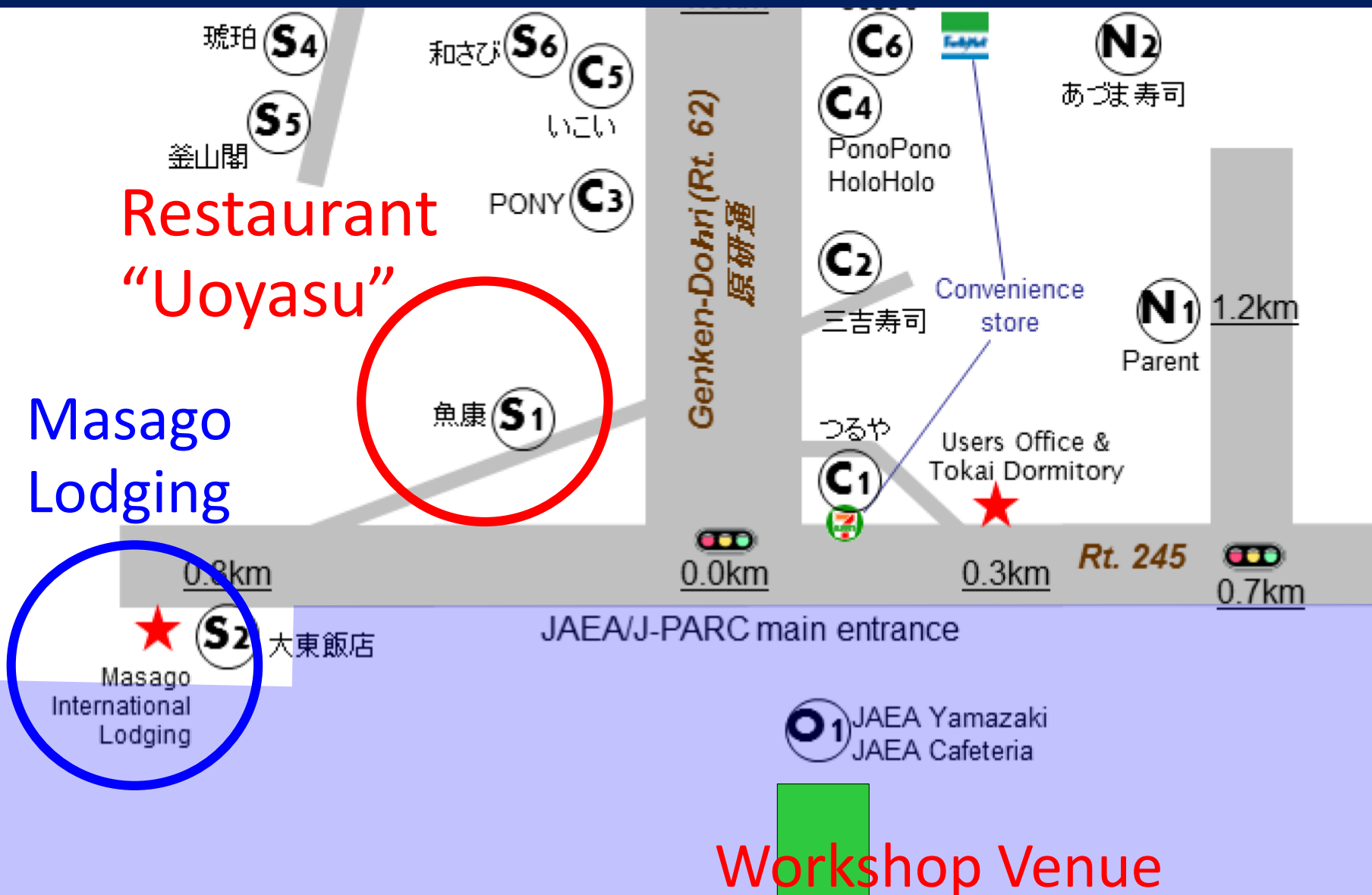
## After the Workshop

For the help of booking the bus for Narita/Haneda International Airport, Please contact our secretariats.

# Lunch



# Social Dinner (Today)





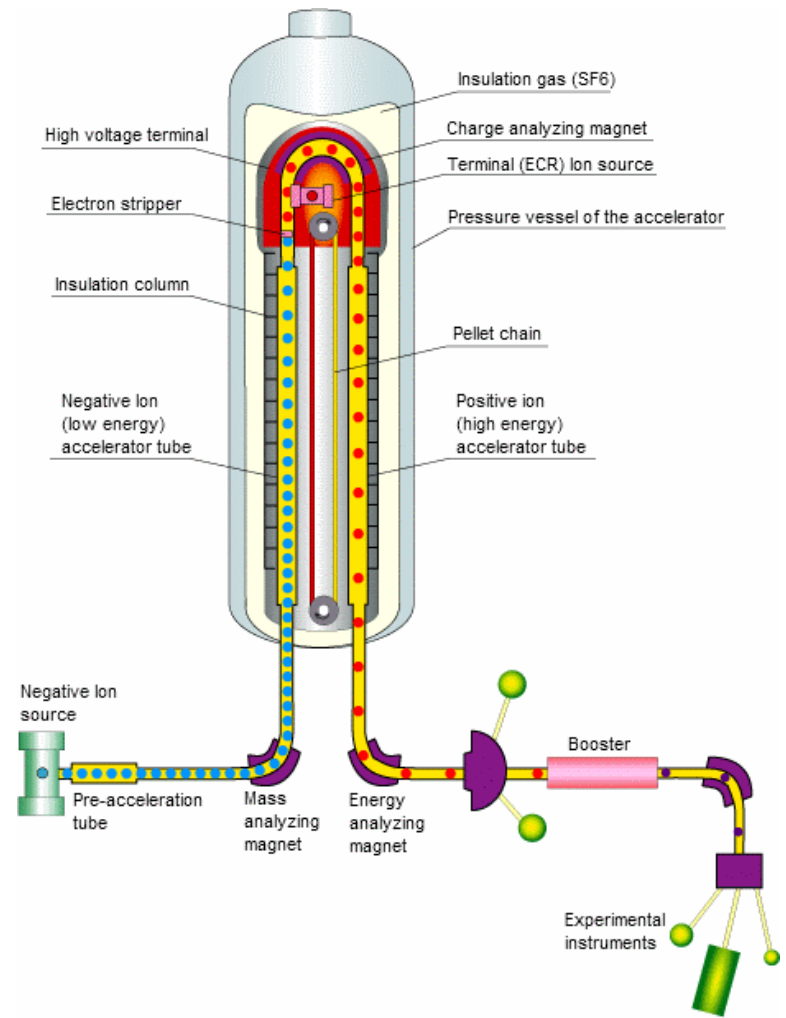


# TANDEM Tour

Today 16:20 - 17:30



<https://ttandem.jaea.go.jp/index-eng.html>



Magnetic Spectrograph



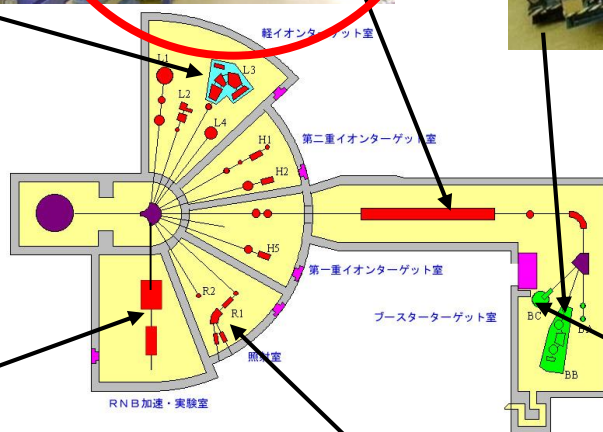
Booster Linac



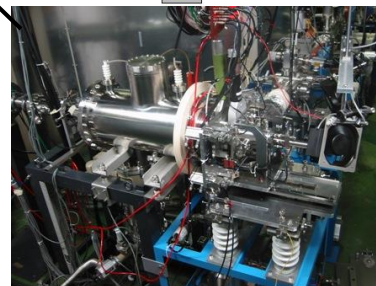
Recoil Mass Separator



In-beam fission/  
 $\gamma$ -ray spectroscopy



ISOL



Ge-detector array



# Bus for Tokai Station

