

Photo by JAXA Astronaut Koichi Wakata

SPACE RADIATION AND HEAVY IONS  
IN THERAPY SYMPOSIUM 2015  
(SRHITS 2015)

May 22-24, 2015  
**ABENO HARUKAS**, Osaka, JAPAN  
ORGANIZED BY JASRR & SRHITS

Including:  
The 7<sup>th</sup> International Workshop on Space Radiation Research (IWSRR)  
The 15<sup>th</sup> Workshop on Ion Beams In Biology and Medicine (IBIBAM)  
The 2<sup>nd</sup> Japanese Association of Space Radiation Research Meeting  
(JASRR)

Sponsors: NIRS, JAXA, IBIBAM, SPSS, OCU



In May 2015, the ICRR2015 will be held in Kyoto. As there will be so many subjects, speakers of the meeting on space radiation will be limited to about ten speakers. So, we will open an international satellite meeting concerning Space Radiation in Osaka near Kyoto. The meeting will be held on May 20-23, 2015, just before the ICRR2015. It is organized by JASRR and SRHITS and recent research results will be discussed on space radiation and heavy ion therapy.

All participants will have time for oral presentation with the organizer promoting hot discussions of new results. We hope to have time for productive communication including young scientists of research on heavy ion effects in space and for therapy applications. JAXA is also planning space experiments using “KIBO” module with outer exposure platform that will be discussed at the meeting. International co-operative experiments will be welcome to discuss.

Contact by e-mail; [srhits2015@med.osaka-cu.ac.jp](mailto:srhits2015@med.osaka-cu.ac.jp)

Please, mark the date of this satellite meeting in Osaka in your calendar, when you consider participation of ICRR2015 in Japan.

President Takashi Morita

## Organization



President: Takashi Morita (Osaka City Univ.)

Honorary President and Vice President: Takeo Ohnishi (Nara Med. Univ.)

General Secretary: Kayo Yoshida (Osaka City Univ.)

Symposium coordinator: Akane Kizu (Osaka City Univ.)

### International Organizing Committee

Francis A. Cucinotta (USA)

Marco Durante (Germany)

Takashi Morita (Japan)

Takeo Ohnishi (Japan)

### Scientific Committee:

Amy Kronenberg (USA)

Charlie Limoli (USA)

David Chen (USA)

Francis A. Cucinotta (USA)

Gregory Nelson (USA)

Guenther Reitz (Germany)

Marco Durante (Germany)

Mary Helen Barcellos-Hoff  
(USA)

Megumi Hada (USA)

Oliver Angerer (Netherlands)

Suzan Bailey (USA)

Tadashi Kamada (Japan)

Yeqing Sun (China)

Yoshiharu Yonekura (Japan)

### Local Committee (Japanese):

Aiko Nagamatsu (JAXA)

Akihisa Takahashi (Gunma  
Univ.)

Hideyuki Majima (Kagoshima  
Univ.)

Hiroshi Mitani (Univ. of Tokyo)

Jun Hidema (Tohoku Univ.)

Takashi Nakano (Gunma  
Univ.)

Yukio Uchihori (NIRS)

## Time Schedule of Registration

Early registration: Jan 1 - Feb. 28, 2015			
Participant	JPY 20,000	Student	JPY 10,000
Accompany person	JPY 5,000		
Excursion*	JPY 10,000		

Late registration: Mar. 1, 2015-			
Participant	JPY 30,000	Student	JPY 15,000
Accompany person	JPY 10,000		
Excursion*	JPY 10,000		



Excursion: 1 day excursion to Himeji castle (world heritage)

(<http://www.himeji-kanko.jp/en/>) and walking Osaka down town around

Tsutenkaku tower

English <http://www.osaka-info.jp/en/>

Japanese <http://www.osaka-info.jp/jp/index.php>

# Program Overview in May 22-24, 2015

Friday May 22							
	Abeno Harukas 25F						Bus Tour
	Room A	Room B	Room C	Room D	Entrance	Neego Café	
12:00-16:00		Closed	Closed	Closed			Excursion to Himeji Castle 12:00-18:00
17:00							
18:00	Poster				Registration 17:00-19:30		
19:00						Welcome Party 18:30-19:50	

Saturday May 23						
	Abeno Harukas 25F					KKR HOTEL OSAKA
	Room A	Room B	Room C	Room D	Entrance	
8:30	Poster	Closed			Registration 8:30-17:00	
9:00			Opening Remarks 9:00-9:10			
			DNA Repair-1 9:10-10:10			
10:00			Coffee Break 10:10-10:30			
			DNA Repair-2 10:30-11:30			
11:00						
12:00			Closed 12:00-12:55			
13:00			Ion Beam Therapy-1 13:00-14:20	Space Dosimetry-1 13:00-14:20		
14:00			Ion Beam Therapy-2 14:25-15:45	Space Dosimetry-2 14:25-15:45		
15:00			Coffee Break 15:45-16:00			
16:00	Ion Beam Therapy-3 16:00-17:20	Space Experiment 16:00-18:00				
17:00	Closed		Closed			
18:00-21:00						Moving to KKR by Bus 18:00-18:30
						Banquet 18:30-20:50
21:00						Moving to Tennoji by Bus 21:00-21:30

Sunday May 24					
Abeno Harukas 25F					
	Room A	Room B	Room C	Room D	Entrance
8:30	Closed 8:30-13:15	Closed 8:30-13:15	Cancer Risk-1 8:40-10:00		Registration 8:30-17:50
9:00			Coffee Break 10:00-10:10		
10:00			Cancer Risk-2 10:10-11:50		
11:00			Oral Presentation of Posters with Lunch 12:10-13:10		
12:00			Poster Session-1 Odd Numbers 13:20-14:00		
13:00	Poster Session-2 Even Numbers 14:00-14:40				
14:00		Drink Corner	Poster	Low Dose Effect, Countermeasure 14:50-15:50	
15:00	Non-Cancer Risk 15:55-16:35				
16:00	Coffee Break 16:35-16:50				
17:00	CNS Risk 16:50-18:50				
18:00	Closing Remarks 18:50-19:00				
19:00	Closed				

## Place:

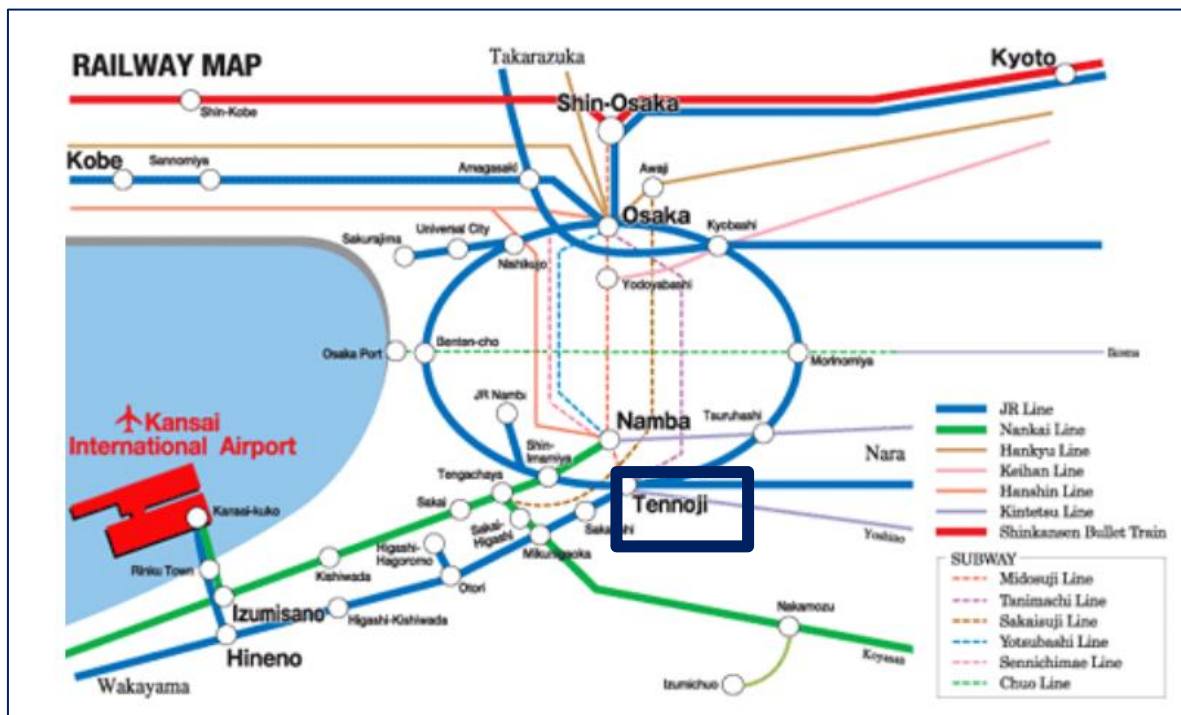
The meeting will be held in **ABENO HARUKAS 25F conference hall (25th floor)**

**Address: 1-1-43 abenosuji, Abeno-ku, Osaka, 545-6025 Japan** in the center of Osaka City. It is located near to Tennoji Station and you can arrive there from Kansai International Airport within 1hr by train or by limousine bus.

The station and bus stop is within 5 min walk to hotels and **ABENO HARUKAS 25F Conference Room**. You can also come from Narita or Haneda Airport using domestic airlines (1 hr) to or Shinkansen super express (2.5 hr) to Osaka.

You can go to Kyoto for ICRR 2015 about 1-1.5 hr and go to Nara, or Himeji within 1-2 hr by train for excursions.

## Access Map



## ACCESS FROM KANSAI INTERNATIONAL AIRPORT – KIX

[KIX airport website](#) Airport Phone: 81 72 4552911

From Kansai International Airport you can come by railway or by limousine bus.

(1) Railway: From KIX you can go to JR (Japan Railway) Kansai Airport Station (Level 2), take “**Haruka**” limited express train and get off at the station of “Tennoji”.

([http://www.kansai-airport.or.jp/en/access/train/jr\\_time.html](http://www.kansai-airport.or.jp/en/access/train/jr_time.html)). It will take about 30 min.

(2) Limousine Bus: Bound to Abeno Harukas (Tennoji)

From KIX, you can take non-stop limousine bus to Abeno-Harukas.

([http://www.kate.co.jp/pc/e\\_time\\_table/e\\_harukas\\_tt.html#from](http://www.kate.co.jp/pc/e_time_table/e_harukas_tt.html#from)). It will take about 30 min.

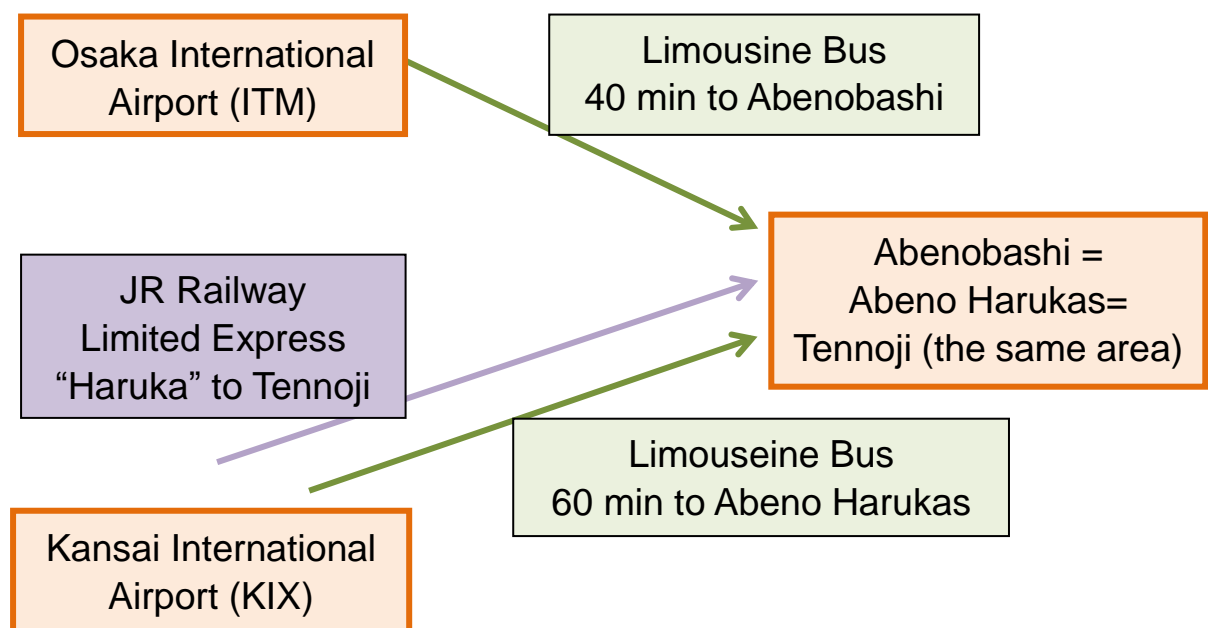
## ACCESS FROM OSAKA INTERNATIONAL AIRPORT - ITAMI - ITM

[ITM airport website](#) Airport Phone: 81 6 6856 6781

From Osaka (Itami) Airport, you can take non-stop limousine bus bound to Abenobashi . It will take about 30 min.

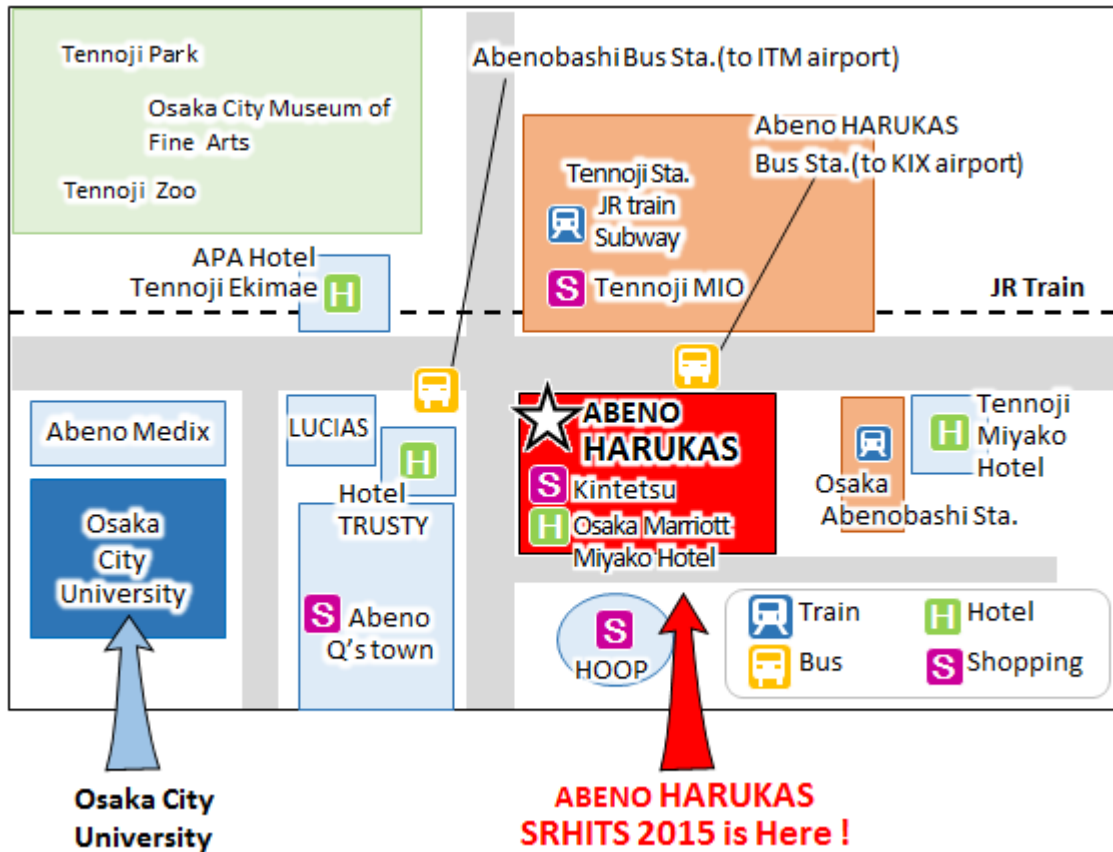
[http://www.okkbus.co.jp/en/timetable/itm/t\\_abn.html](http://www.okkbus.co.jp/en/timetable/itm/t_abn.html)

You can buy any ticket, JR or limousine buses just before riding on at the station without advanced reservation. You need not exchange with these vehicles to the destination.





## Map around Tennoji (Abeno) Terminal



## Hotels around Abeno HARUKAS

Osaka Marriott Miyako Hotel



<http://www.miyakohotels.ne.jp/osaka-m-miyako/english/>

Hotel TRUSTY Osaka

[http://trusty.web.transer.com/bb\\_url\\_ej.php](http://trusty.web.transer.com/bb_url_ej.php)

Tennoji Miyako Hotel

<http://www.miyakohotels.ne.jp/tennoji/english/index.html/>

APA Hotel Tennouji Ekimae

<http://www.apahotel.com.e.ju.hp.transer.com/>

## Excursions



Himeji Castle in Himeji  
2 hr



Kinkakuji in Kyoto  
1.5 hr



Horyuji in Nara  
40 min



Todaiji in Nara  
45 min