



Itinerary for
International Training Course
on Carbon-ion Radiotherapy
(ITCCIR) 2023

November 13 -18, 2023
Chiba & Gunma, Japan



Schedule at a glance

Accommodations

Date	Events	Venue	Accommodation
Nov 12 (Sun)	Check in to Hotel on your own (15:00~)	Chiba	Mitsui Garden Hotel Chiba
Nov 13 (Mon)	Training course 1 st day Welcome Party	Chiba	Mitsui Garden Hotel Chiba
Nov 14 (Tue)	Training course	Chiba	Mitsui Garden Hotel Chiba
Nov 15 (Wed)	Training course	Chiba	Mitsui Garden Hotel Chiba
Nov 16 (Thu)	Training course Farewell Party	Chiba/Gunma	Moriaki Ryokan (Moriaki Onsen Inn)
Nov 17 (Fri)	Training course	Gunma	Comfort Hotel Maebashi
Nov 18 (Sat)	Training course Last day break-up at Tokyo Station	Gunma/Tokyo	

Meals

Date	Breakfast	Lunch	Dinner
Nov 12 (Sun)			not including
Nov 13 (Mon)	at the hotel	at QST	at the hotel, Welcome party
Nov 14 (Tue)	at the hotel	at QST	not including
Nov 15 (Wed)	at the hotel	at QST	not including
Nov 16 (Thu)	at the hotel	at Gunma Univ.	at the hotel, Farewell party
Nov 17 (Fri)	at the hotel	at Gunma Univ.	not including
Nov 18 (Sat)	at the hotel	at Takasaka SA	

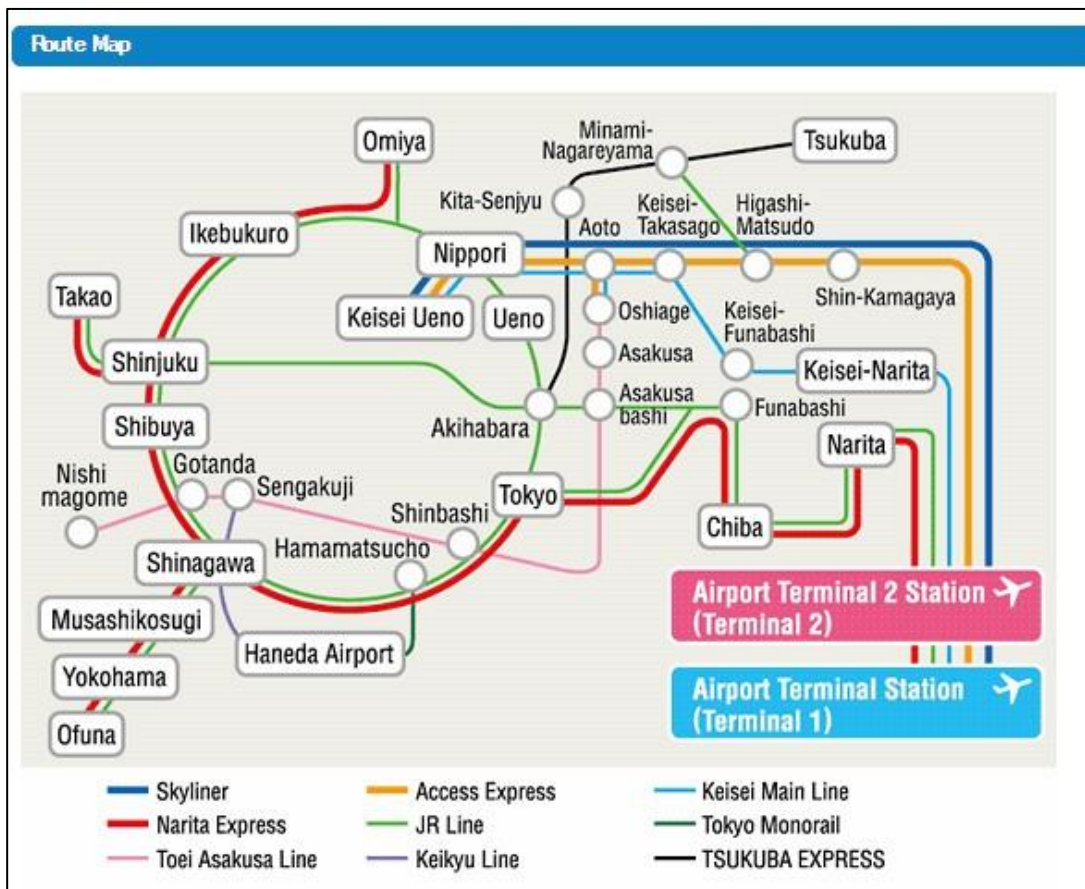
Transportation (Bus)

Date	From	To	Meeting up
Nov 13 (Mon)	Mitsui Garden Hotel	QST	Lounge 7:30
Nov 14 (Tue)	Mitsui Garden Hotel	QST	Lounge 8:00
Nov 15 (Wed)	Mitsui Garden Hotel	QST	Lounge 8:00
Nov 16 (Thu)	Mitsui Garden Hotel	Gunma Univ.	Lounge 7:30
Nov 17 (Fri)	Moriaki Ryokan Inn	Gunma Univ.	Lounge 8:00
Nov 18 (Sat)	Comfort Hotel Maebashi Gunma Univ.	Gunma Univ. Tokyo Terminal	Lounge 8:00 ~ 16:00

Airport Access

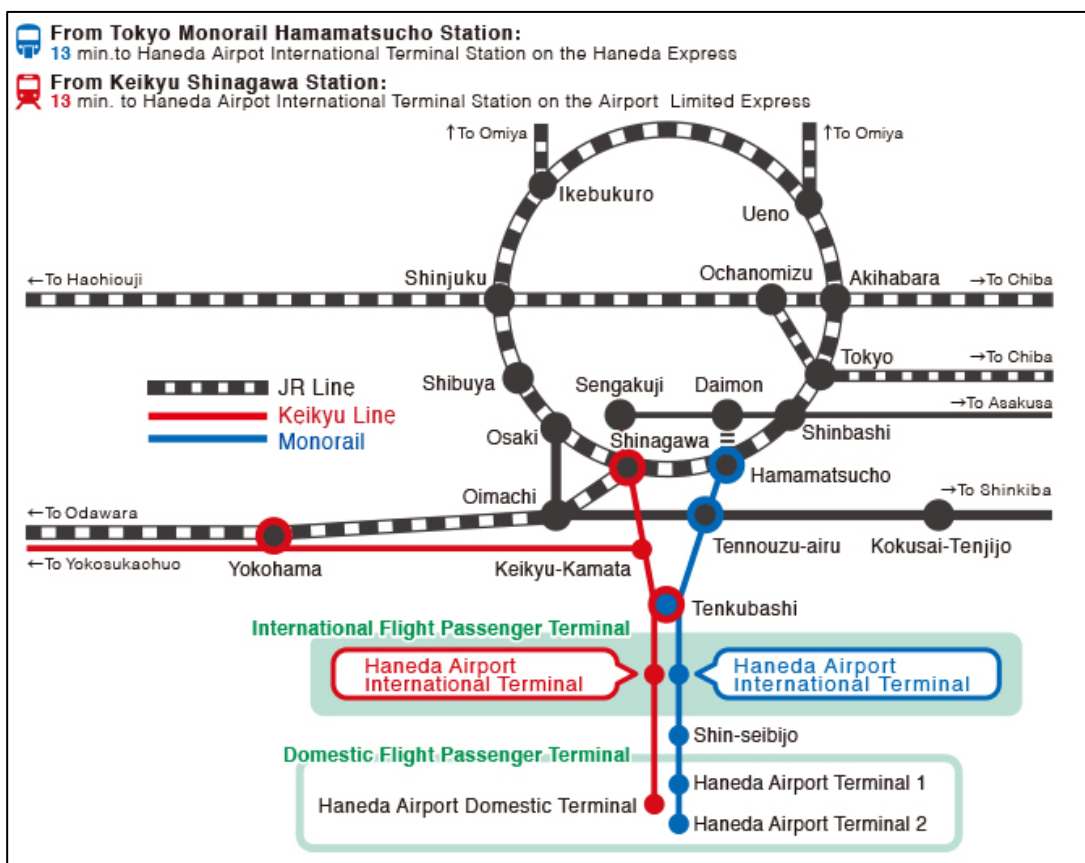
◆ Narita International Airport

<http://www.narita-airport.jp/en/index.html>



◆ Haneda International Airport

<http://www.haneda-airport.jp/inter/en/>



Hotel

Mitsui Garden Hotel Chiba

Nov 12 (Sun) <http://www.gardenhotels.co.jp/eng/chiba/>

Nov 13 (Mon) 1-11-1, Chuo Chuo-ku, Chiba

Nov 14 (Tue) Tel: +81 43 224-1131

Nov 15 (Wed) If you arrive later than 24:00, please call the hotel

•Breakfast Buffet

6:30— 10:00 AM at Restaurant “Pasciona” 2F

•Location

Mitsui Garden Hotel Chiba is located, 10 minutes on foot from East Exit of JR Chiba Station. For more detailed, please refer to the hotel website.

•From Narita International Airport (See previous page)

Take JR Sobu Line Rapid Train and get off at JR Chiba Station (About 43 minutes).

•From Haneda Airport (See previous page)

Take Keikyu Line and get off at Shinagawa Station, and transfer to JR Yokosuka Sobu Line Rapid Train and get off at Chiba Station (About 70 minutes).



Moriaki Ryokan (Moriaki Onsen Inn)

Nov 16 (Thu) *Japanese traditional hot springs / Spa Inn*

<http://www.moriaki-ikaho.co.jp/>

60 Ikaho, Shibukawa, Gunma

Tel: +81 279 72 2601

•Farewell Party 18:30 – 20:30 at Restaurant (4F)

•Breakfast Buffet 6:30 - 10:00 AM



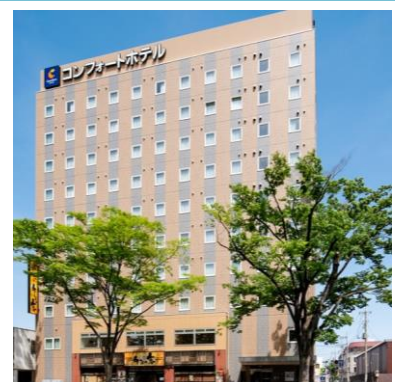
Comfort Hotel Maebashi

Nov 17 (Fri) <https://www.choicehotels.com/japan/maebashi/comfort-inn-hotels/jp072>

2-18-14 Omote-cho, Maebashi, Gunma

Tel: +81 27 226 7911

•Breakfast Buffet 6:30 - 9:30 AM



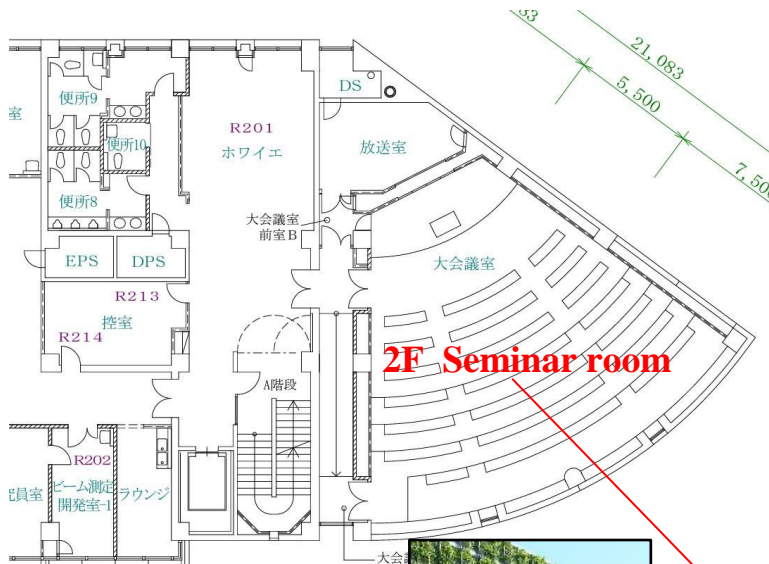
Venue for training course

National Institutes for Quantum Science and Technology (QST)

Nov 13 (Mon) 4-9-1 Anagawa, Inage-ku, Chiba-shi, Chiba 263-8555, Japan

Nov 14 (Tue) Tel: +81-43-206-3025

Nov 15 (Wed) <https://www.qst.go.jp/site/qst-english/1070.html>



1F Cafeteria



Bus Parking



QST Hospital



*** Under construction**

Venue for training course

Gunma University Heavy Ion Medical Center

Nov 16 (Thu) 3-39-22 Showa-machi, Maebashi, Gunma, 371-8511

Nov 17 (Fri) Tel: +81 27 220 7111

Nov 18 (Sat) <https://heavy-ion.showa.gunma-u.ac.jp/en/page.php?id=2>



Heavy Ion Medical Center

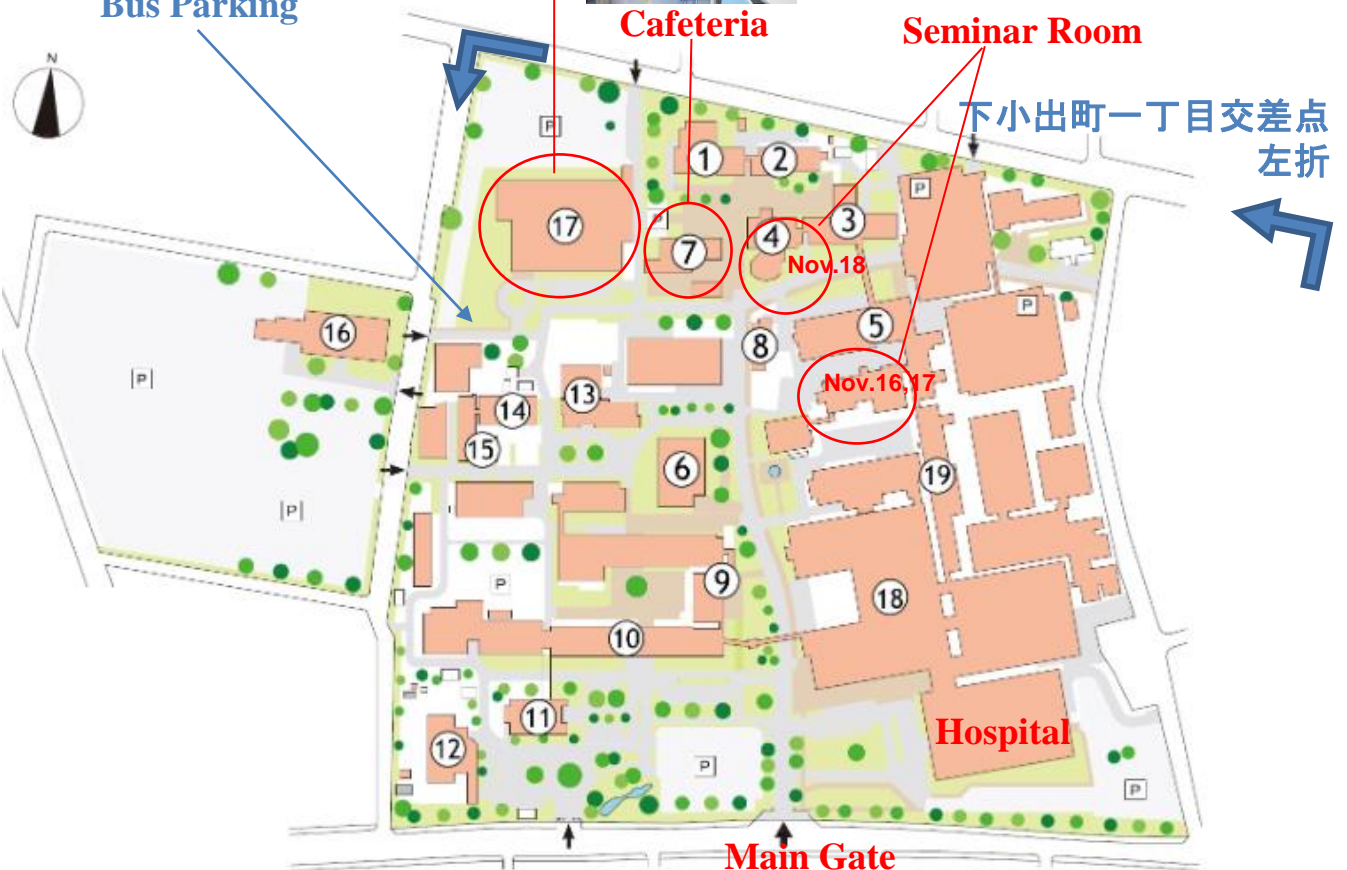


Cafeteria

Seminar Room

Bus Parking

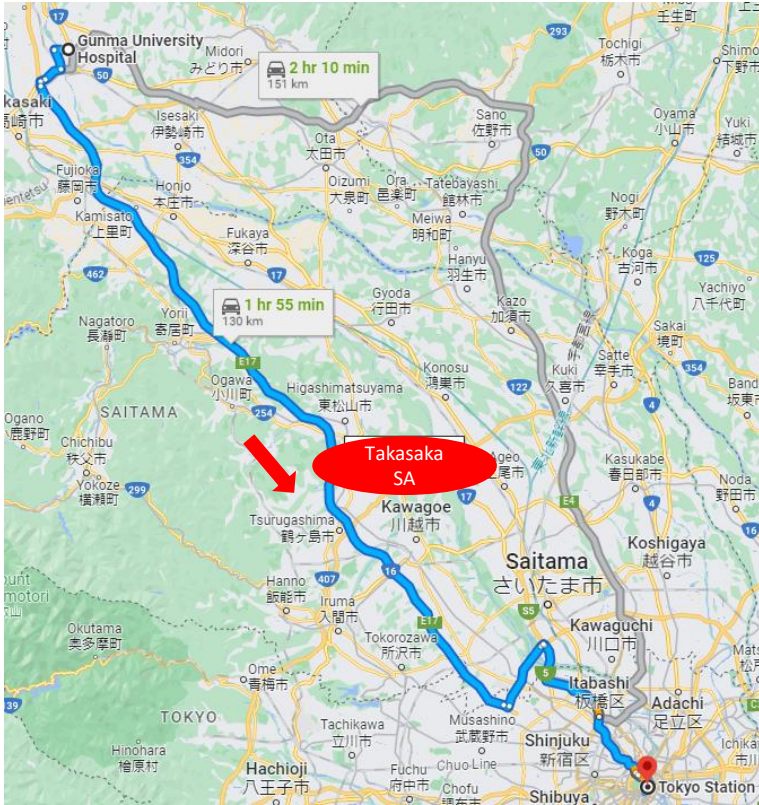
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左折



Final spot for lunch and shopping

Takasaka Service Area (Kanetsu Expressway to Tokyo)

Nov 18 (Sat) 13:10 ~ 14:10



Lunch buffet



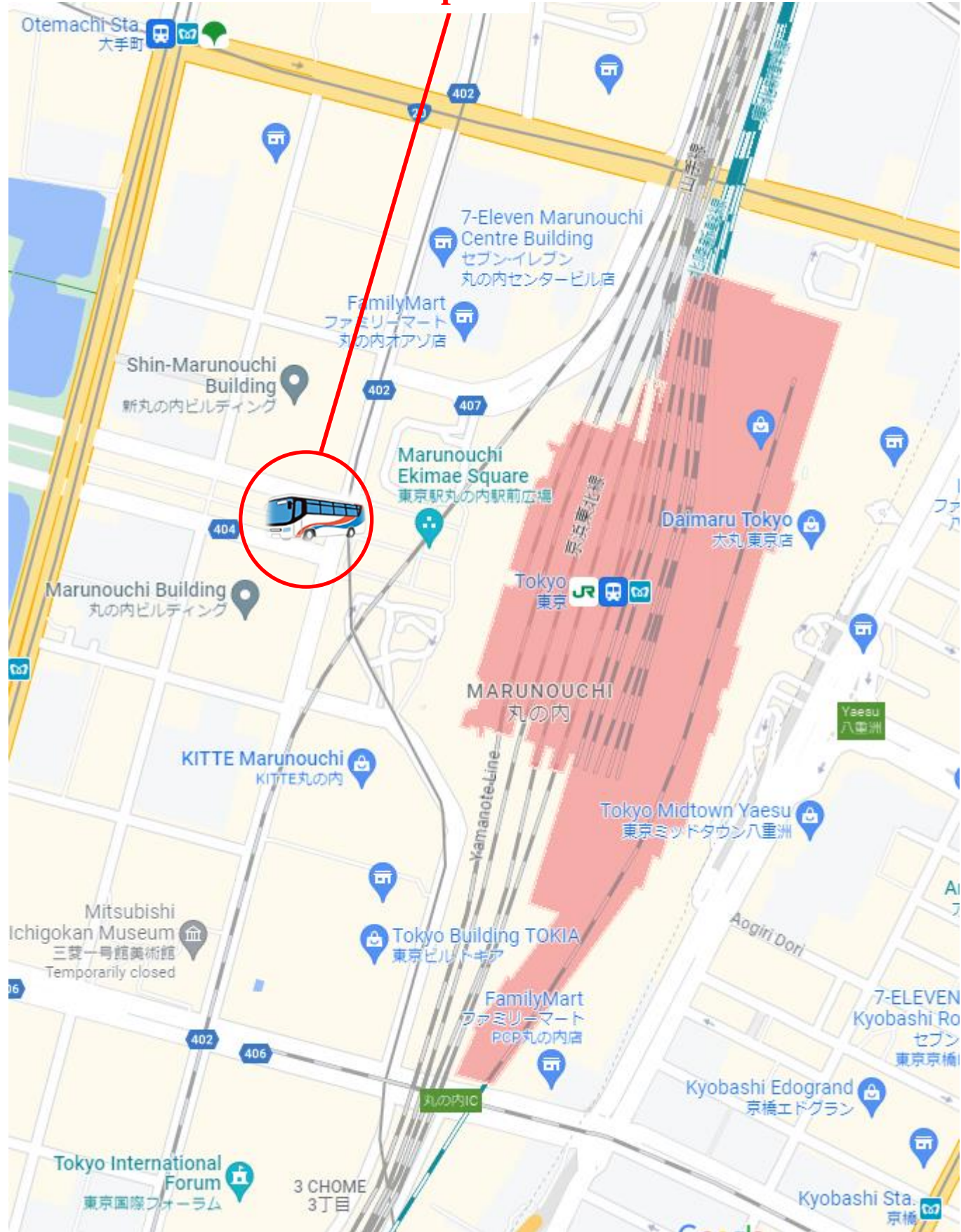
Drop-off place

Tokyo Station

Nov 18 (Sat)

Marunouchi

Drop-off



Training Program

Nov. 13 (Mon) QST

Time	Agenda	Speaker
7:30 7:50	@Hotel lounge Move to QST from Mitsui Garden Hotel Chiba by bus	
8:30 ~8:50	Opening address Guidance of Curriculum	Tsuji M.D., Ph.D.
8:50~9:15	History of Heavy Ion Radiotherapy	Tsuji M.D., Ph.D.
9:15~9:35	J-CROS	Tsuji M.D., Ph.D.
9:35~10:10	Physics 1: Accelerator for CIRT and Quantum Scalpel	Iwata Ph.D.
10:10~10:25	Break	
10:25~11:00	Physics 2: Dosimetry of Carbon-ion Beam	Sakama Ph.D.
11:00~11:35	Physics 3: Beam Delivery, QA and Audit	Mizuno Ph.D.
11:35~12:10	Physics 4: Biological models in CiRT	Inaniwa Ph.D.
12:10~13:10	Lunch @QST cafeteria	
13:10~13:50	Biology 1: Basic/Biophysics: Biology of charged particle therapy	Hasegawa Ph.D.
13:50~14:25	Biology 2: Biological Aspect of FLASH Particle Therapy	Konishi Ph.D.
14:25~15:00	Biology 3: Translational 1 : Anti-tumor immunity induced by HIRT	Takeshima Ph.D.
15:00~17:00	Move to New Research Building Tour	Shirai Ph.D.
17:15	Move to Mitsui Garden Hotel Chiba from QST by bus	
18:00~20:00	Welcome party, Mitsui Garden Hotel Chiba @banquet hall “Tempyo” 4F	

Training Program

Nov. 14 (Tue) QST

Time	Agenda	Speaker
8:00 8:20	@Hotel lounge Move to QST from Mitsui Garden Hotel Chiba by bus	
9:00~9:35	Clinical 1: Head & Neck	Koto M.D., Ph.D.
9:35~10:10	Physics 5: Treatment planning and range uncertainty in carbon-ion radiotherapy	Kanematsu Ph. D.
10:10~10:30	Break	
10:30~11:05	Clinical 2: Pancreas	Shinoto M.D., Ph.D.
11:05~11:40	Clinical 3: Bone & Soft tissue	Imai M.D., Ph.D.
11:40~12:15	Biology 4: Translational 2 : Overview of the State-of Art Bench to Bedside Research in Carbon-ion Radiobiology	Sai Ph.D.
12:15~13:15	Lunch @QST cafeteria	
13:15~13:50	Clinical 4: Liver	Shibuya M.D., Ph.D.
13:50~14:25	Clinical 5: Gynecological	Murata M.D., Ph.D.
14:25~15:00	Biology 5: Risk control : Radiation and Risk of Cancer	Imaoka Ph.D.
15:00~15:30	Break	
15:30~16:05	Diagnosis 1: Diagnostic PET/SPECT imaging for CIRT	Yamazaki M.D. Ph.D.
16:05~16:45	Topics 1: History of particle beam therapy in Japan from the perspective of national health policy	Sakurai M.D. Ph.D.
17:00~	Move to Mitsui Garden Hotel Chiba from QST by bus	

Training Program

Nov. 15 (Wed) QST

Time	Agenda	Speaker
8:00 8:20	@Hotel lounge Move to QST from Mitsui Garden Hotel Chiba by bus	
9:00~9:35	Biology 6: Radiopharmaceutical Therapy	A. Tsuji Ph.D.
9:35~10:10	Diagnosis 2: ACR Reporting and Data System (RADS) Essential for treatment of lung,liver and prostate cancer	Kishimoto M.D., Ph.D.
10:10~10:30	Break	
10:30~11:05	Clinical 6: Eye	Wakatsuki M.D., Ph.D.
11:05~11:40	Clinical 7: Urological	Ishikawa M.D., Ph.D.
11:40~12:15	Clinical 8: Locally recurrent Colonrectal	Takiyama M.D., Ph.D.
12:15~13:15	Lunch @QST cafeteria	
13:15~13:55	Topics 2: Overview of BNCT and Current status of Accelerated-based BNCT	Takai M.D. Ph.D.
13:55~14:30	Physics 6: Facility commissioning at Osaka-HIMAK (tentative)	Tsubouchi Ph.D.
14:30~15:05	Physics 7: Facility commissioning at Yamagata Univ.	Souda Ph.D.
15:05~15:35	Break	
15:35~16:10	Clinical 9: Lung	Nakajima M.D.,Ph.D.
16:10~16:50	Physics 8: What particle therapy can Learn from High- Tec X-ray Therapy	Pompos Ph.D.
17:00~	Move to Mitsui Garden Hotel Chiba from QST by bus	

Training Program

Nov. 16 (Thu) Chiba → Gunma Univ. → Ikaho

Time	Agenda	Speaker
8:00~	@Hotel lounge Check out Mitsui Garden Hotel Chiba	
~11:30	Move to Gunma Univ. from Mitsui Garden Hotel Chiba by bus	
11:40~12:40	Lunch @cafeteria at Gunma Univ.	
12:40~13:00	Welcome ceremony at Gunma Univ.	
13:00~13:30	Topics 3: Risk Communication	Tamaki M.D., Ph.D.
13:30~13:50	Physics 9: Dose constraints for HN	Varnava Ph.D.
13:50~14:50	Case Study 1: HN Cancer	Musha M.D., Ph.D.
14:50~15:10	Break	
15:10~15:30	Physics 10: Motion management & Adaptive therapy	Sakai Ph.D. M. P.
15:30~15:50	Clinical 10: Cost effectiveness	Ohno M.D., Ph.D.
16:00~17:00	Move to IKAHO (Moriaki Ryokan Inn) from Gunma Univ. by bus	
17:00 ~	Check in Moriaki Ryokan	
18:30~20:30	Farewell party	

Training Program

Nov. 17 (Fri) Ikaho → Gunma Univ.

Time	Agenda	Speaker
8:00	@Hotel lounge Check out Moriaki Ryokan Inn	
~09:30	Move to Gunma Univ. from Moriaki Ryokan Inn by bus	
09:30~10:30	Case Study 2: Lung Cancer with IP	Kubo M.D., Ph.D.
10:30~11:30	Case Study 3: Locally advanced Liver Cancer	Shibuya M.D., Ph.D.
11:30~13:00	Lunch @Cafeteria	
13:00~13:15	Vendor Presentation 1	Toshiba ESS
13:15~13:30	Vendor Presentation 2	Sumitomo
13:30~13:45	Vendor Presentation 3	Hitachi
13:45~14:00	Vendor Presentation 4	B dot Medical
14:00~14:15	Vendor Presentation 5	Anzai
14:15~14:30	Vendor Presentation 6	Cosylab
14:30~14:45	Vendor Presentation 7	RaySearch
14:45~14:55	Vendor Presentation 8	Alfresa Pharma
14:55~15:10	Vender Free Discussion and Break	
15:10~15:35	Facility Introduction 1: East Japan Heavy Ion Center, Faculty of Medicine, Yamagata University	Iwai Ph.D. M. P.
15:35~16:00	Facility Introduction 2: OSAKA HIMAK	Suzuki M.D., Ph.D.
16:00~16:25	Facility Introduction 3: Heavy Ion Therapy Center & Heavy Ion Therapy Research Institute	Lee M.D., Ph.D.
16:25~16:45	Biology 7: Precision CIRT	Oike M.D., Ph.D.
16:45~17:05	Biology 8: Normal tissue effect	Yoshida Ph.D.
17:20~17:50	Move to Comfort Hotel Maebashi from Gunma Univ. by bus	
17:50~	Check in Comfort Hotel Maebashi	

Training Program

Nov. 18 (Sat) Gunma Univ. → Tokyo station

Time	Agenda	Speaker
8:00	@Hotel lounge Check-out Comfort Hotel Maebashi	
~8:50	Move to Gunma Univ. by bus	
9:00~9:45	Tour / Gunma Univ. Heavy Ion Medical Center	
9:45~10:40	Free discussion & wrap up	Tsujii M.D., Ph.D. Ohno M.D., Ph.D.
10:40~12:00	Closing Address	Tsujii M.D., Ph.D. Ohno M.D., Ph.D.
12:20~	Go back to Tokyo, stopping at Takasaka SA and Tokyo Terminal.	
13:10~14:10	Lunch at Takasaka Service Area (Kanetsu Expressway)	
~16:00	We are scheduled to arrive and breakup around 16:00 at Tokyo Terminal.	

Organized by

QST Hospital
Gunma University
ANTM

Supported by

Hokkaido University PBTC
Hyogo Ion Beam Medical Center
i-ROCK, Kanagawa Cancer Center
Osaka Heavy Ion Therapy Center
PMRC, University of Tsukuba
SAGA HIMAT
Yamagata Univ. East Japan Heavy Ion Center

Sponsored by

RaySearch Laboratories
Sumitomo Heavy Industries, Ltd.
Toshiba Energy Systems & Solutions Corporation
Hitachi, Ltd.
Anzai Medical Co., Ltd.
B dot Medical Inc.
Cosylab Japan Inc.
Alfresa Pharma Co., Ltd.

Contact:

ITCCIR Secretariat

Association for Nuclear Technology in Medicine (ANTM) Office
Nikkei Bldg., 7-16 Nihonbashi-Kodenmacho, Chuo-ku, Tokyo
103-0001, Japan

Tel: +81-3-5645-2230 Fax: +81-3-3660-0200

Mobile: +81-80-2339-8453

E-mail: ITCCIR@antm.or.jp