

ITCCIR 2024 Program (Tentative)

Introduction			
	History of Heavy Ion Radiotherapy	Hirohiko Tsujii M.D., Ph.D.	QST
	J-CROS	Hitoshi Ishikawa M.D., Ph.D.	QST
Biology			
1	Radiobiology of charged particle therapy	Sumitaka Hasegawa M.D., Ph.D.	QST
2	Biophysics of charged particle therapy	Ryoichi Hirayama Ph.D.	QST
3	Immunology of photon and charged particle radiotherapy	Tsuguhide Takeshima Ph.D.	QST
4	Radiation and risk of cancer	Tatsuhiko Imaoka Ph.D.	QST
5	Immune - CIRT	Hiro Sato M.D., Ph.D.	Gunma Univ.
6	Recent basic radiobiological research for CIRT	Yukari Yoshida Ph.D.	Gunma Univ.
Physics			
1	Accelerator for CIRT	Kota Mizushima Ph.D.	QST
2	Beam Delivery, QA and Audit	Hideyuki Mizuno Ph.D.	QST
3	Biological models in CiRT	Taku Inaniwa Ph.D.	QST
4	Treatment planning and range uncertainty in carbon-ion radiotherapy	Nobuyuki Kanematsu Ph.D.	QST
5	Current status and commissioning of Yonsei CC	Jin Sung Kim Ph.D.	Yonsei University
6	Image Guided Radio Therapy	Arnold Pompos Ph.D.	UT Southwestern Medical Center
7	Tolerance Dose	Maria Varnava Ph.D.	Gunma Univ.
8	Image guidance or ART	Makoto Sakai Ph.D.	Gunma Univ.
Clinical			
1	Gyne	Kazutoshi Murata M.D., Ph.D.	QST
2	Esophagus	Tetsuro Isozaki M.D., Ph.D.	QST
3	Eye	Nao Kobayashi M.D., Ph.D.	QST
4	B&S	Reiko Imai M.D., Ph.D.	Gunma Univ.
5	Urological	Kana Kobayashi M.D., Ph.D.	QST
6	Colorectal	Hirotohi Takiyama M.D., Ph.D.	QST
7	Combined therapy	Masaru Wakatsuki M.D., Ph.D.	QST
8	Pancreas	Makoto Shinoto M.D., Ph.D.	QST
9	Dose escalation/Multi-ion	Shigeru Yamada M.D., Ph.D.	QST
10	Risk communication	Tomoaki Tamaki M.D., Ph.D.	Fukushima Medical University
11	Facility intro & Cost benefit	Tatsuya Ohno M.D., Ph.D.	Gunma Univ.
12	Liver	Kei Shibuya M.D., Ph.D.	Gunma Univ.
13	Lung	Nobuteru Kubo M.D., Ph.D.	Gunma Univ.
14	H&N	Atsushi Musha M.D., Ph.D.	Gunma Univ.
Diagnosis			
1	The Role of Nuclear Medicine in Cancer Treatment	Miwako Takahashi M.D., Ph.D.	QST
2	ACR Reporting and Data System (RADS) Essential for treatment of lung, liver and prostate cancer	Riwa Kishimoto M.D., Ph.D.	QST
3	PET Physics - Current and Future Prospects	Taiga Yamaya Ph.D.	QST
Topics			
1	Overview of BNCT and Current status of Accelerated-based BNCT	Yoshihiro Takai M.D., Ph.D.	Southern Tohoku BNCT Research Center
2	History of particle beam therapy in Japan from the perspective of national health policy	Hideyuki Sakurai M.D., Ph.D.	Tsukuba Univ.
Tour & Case Study			
1	Tour (QST)	Yoshiyuki Iwata	QST

2	Tour (OMR)	n. a.	QST
3	Case Study 1 Liver	Kei Shibuya M.D., Ph.D.	Gunma Univ.
4	Case Study 2 Lung	Nobuteru Kubo M.D., Ph.D.	Gunma Univ.
5	Case Study 3 H&N	Atsushi Musha M.D., Ph.D.	Gunma Univ.
6	Tour (GHMC)	Tatsuya Ohno	Gunma Univ.
Facility Introduction			
1	SAGA HIMAT, SAGA Heavy Ion Medical Accelerator in Tosu	Yoshiyuki Shioyama M.D., Ph.D.	Saga-HIMAT
2	East Japan Heavy Ion Center, Faculty of Medicine, Yamagata University	Takeo Iwai Ph.D. M. P.	Yamagata Univ.
Lunch time Seminar / Afternoon Seminar / Vender presentation			
1	Anzai Medical co., Ltd.	n. a.	Anzai Medical Co., Ltd.
2	B dot Medical Inc.	n. a.	B dot Medical Inc.
3	Hitachi High-Tech Corporation	n. a.	Hitachi High-Tech Corporation
4	RaySearch Japan K.K.	n. a.	RaySearch Japan K.K.
5	Sumitomo Heavy Industries, Ltd.	n. a.	Sumitomo Heavy Industries, Ltd.
6	Toshiba Energy Systems & Solutions Corporation	n. a.	Toshiba Energy Systems & Solutions Corporation
7	Cosylab Japan Inc.	n. a.	Cosylab Japan Inc.
8	Alfresa Pharma Corporation	n. a.	Alfresa Pharma Corporation
9	IBA (Ion Beam Applications S.A.)	n. a.	IBA

*) QST : National Institutes for Quantum Science and Technology