

ITCCIR 2023 Program

Introduction			
	History of Heavy Ion Radiotherapy	Hirohiko Tsujii	QST
	J-CROS	Hiroshi Tsuji	QST
	Cost effectiveness (Clinical 10)	Tatsuya Ohno	Gunma Univ.
Biology			
1	Basic/Biophysics: Biology of charged particle therapy	Sumitaka Hasegawa	QST
2	Basic/Biophysics: Biological Aspect of FLASH Particle Therapy	Teruaki Konishi	QST
3	Translational 1: Anti-tumor immunity induced by HIRT	Tsuguhide Takeshima	QST
4	Translational 2: Overview of the State-of-the-Art Bench to Bedside Research in Carbon-ion Radiobiology	Sei Sai	QST
5	Risk control: Radiation and Risk of Cancer	Tatsuhiko Imaoka	QST
6	Radiopharmaceutical Therapy	Atsushi Tsuji	QST
7	Precision CIRT	Takahiro Oike	Gunma Univ.
8	Normal tissue effects	Yukari Yoshida	Gunma Univ.
Physics			
1	Accelerator for CIRT and Quantum Scalpel	Yoshiyuki Iwata	QST
2	Dosimetry of Carbon-ion Beam	Makoto Sakama	QST
3	Beam Delivery, QA and Audit	Hideyuki Mizuno	QST
4	Biological models in CiRT	Taku Inaniwa	QST
5	Treatment planning and range uncertainty in carbon-ion radiotherapy	Nobuyuki Kanematsu	QST
6	Facility commissioning at OSAKA HIMAK	Toshiro Tsubouchi	OSAKA HIMAK
7	Facility commissioning at Yamagata Univ.	Hikaru Souda	Yamagata University East Japan Heavy Ion Center
8	What particle therapy can Learn from High-Tec X-ray Therapy	Arnold Pompos	UT Southwestern Medical Center
9	Dose constrains in HN	Maria Varnava	Gunma Univ.
10	Motion management & Adaptive therapy	Makoto Sakai	Gunma Univ.
Clinical			
1	Head & Neck Cancer	Masashi Koto	QST

2	Pancreas Cancer	Makoto Shinoto	QST
3	Bone & Soft tissue Sarcoma	Reiko Imai	QST
4	Liver Cancer	Kei Shibuya	Gunma Univ.
5	Gynecological Cancer	Kazutoshi Murata	QST
6	Eye Cancer	Masaru Wakatsuki	QST
7	Urological Cancer	Hitoshi Ishikawa	QST
8	Locally recurrent Colorectal Cancer	Hirotohi Takiyama	QST
9	Lung Cancer	Mio Nakajima	QST
10	Cost effectiveness	Tatsuya Ohno	Gunma Univ.
Diagnosis			
1	Diagnostic PET/SPECT imaging for CIRT	Kana Yamazaki	QST
2	ACR Reporting and Data System (RADS) Essential for treatment of lung, liver and prostate cancer	Riwa Kishimoto	QST
Topics			
1	History of particle beam therapy in Japan from the perspective of national health policy	Hideyuki Sakurai	Tsukuba Univ.
2	Overview of BNCT and Current status of Accelerated-based BNCT	Yoshihiro Takai	Southern Tohoku BNCT Research Center
3	Risk communication	Tomoaki Tamaki	Fukushima Medical University
Tour & Case Study			
1	Tour (QST)	Toshiyuki Shirai	QST
2	Case Study 1 HN Cancer	Atsushi Musha	Gunma Univ.
3	Case Study 2 Lung Cancer with IP	Nobuteru Kubo	Gunma Univ.
4	Case Study 3 Locally advanced Liver Cancer	Kei Shibuya	Gunma Univ.
5	Tour (GUNMA Univ.)		
Vender presentation			
1	Toshiba ESS	関根 瑞恵	Toshiba ESS
2	Sumitomo	野中 英生	Sumitomo
3	Hitachi	川崎 のぞみ	Hitachi
4	B dot Medical	早乙女 直也	B dot Medical

5	Anzai	松岡 健一	Anzai
6	Cosylab	Ian Norton	Cosylab
7	RaySearch	Lars Glimelius	RaySearch
8	Alfresa Pharma	和田 康夫	Alfresa Pharma
Facility Introduction			
1	East Japan Heavy Ion Center, Faculty of Medicine, Yamagata University	Takeo Iwai	Yamagata Univ.
2	Osaka Heavy Ion Therapy Center : OSAKA HIMAK	Osamu Suzuki	OSAKA HIMAK
3	Heavy Ion Therapy Center & Heavy Ion Therapy Research Institute Yonsei Cancer Center, Yonsei University College of Medicine, Yonsei University Health System	Ik Jae LEE	Yonsei University Health System

*) QST : National Institutes for Quantum Science and Technology