

Program

December 6, Friday

8:15-8:30 Welcome opening

Masashi Chatani

Deputy Director, Osaka Heavy Ion Therapy Center, Japan

Educational Sessions

Chairs: Youngyih Han. Ph.D

Professor, Department of Radiation Oncology, Samsung Medical Center,
Sungkyunkwan University, Seoul, Korea

Tatsuaki Kanai. Ph.D

Deputy Director, Osaka Heavy Ion Therapy Center, Japan

8:30-9:15 Seminar 1 “History of particle therapy”

Hirohiko Tsujii, M.D., PhD

Deputy Director, QST Hospital,

National Institute for Quantum and Radiological Science and Technology (QST)

Director, International Particle Therapy Center, QST Hospital

9:15-9:45 Seminar 2 “Physics of particle therapy”

Hsiao-Ming Lu, Ph.D.

Director of Physics at Hefei Ion Medical Center, Anhui Provincial Hospital,

Director and Professor of Ion Medical Research Institute,

University of Science and Technology of China, Hefei City, Anhui Province, China

9:45-10:15 Seminar 3 “Radation biology of particle beam”

Naruhiro Matsufuji, Ph.D.

Planning and Control Group, Department of Research Planning and Promotion,

Quantum Medical Science Directorate,

National Institutes for Quantum and Radiological Science and Technology (QST)

10:15-10:35 Coffee Break

10:35-11:05 Seminar 4 “Technical aspect of particle beam delivery”

Jung, Won Gyun, Ph.D.

Korea Institute of Radiological and Medical Sciences (KIRAMS)

11:05-11:35 Seminar 5 “Treatment planning of particle therapy”

Dongho Shin, Ph.D

Professor, Chief Medical Physicist, Proton Therapy Center, Department of Radiation Oncology,
National Cancer Center, Korea

11:35-12:05 Seminar 6 “Patient alignment and motion management”

Shinichiro Mori, PhD.

National Institute of Radiological Sciences (NIRS), Research Center for Charged Particle Therapy

12:15-13:15 Luncheon Seminar 1

Co-sponsored by Varian Medical Systems, Inc.

Topic: FLASH Therapy: A Potential Paradigm Shift in Cancer Treatment

Speakers: Dee Khuntia, MD

SVP & Chief Medical Officer, Varian Medical Systems

Eric Abel, PhD, MSc

FLASH Product Manager, Varian Medical Systems

Moderator: Yusuke Yoshizawa

Sales Manager, Varian Medical Systems

Educational Sessions

Chairs: Guo-Liang Jiang, MD, FACR (Hon.)

Director, Technology Committee, Shanghai Proton and Heavy Ion Center
Professor, Radiation Oncology, Fudan University Shanghai Cancer Center

Masashi Chatani

Deputy Director, Osaka Heavy Ion Therapy Center, Japan

13:30-14:00 Seminar 7 “Commissioning, machine and patient QA”

Sung Yong Park, Ph.D.

Chief Proton Physicist, National Cancer Centre Singapore, Singapore

Adjunct Professor Department of Radiation Oncology, Yonsei University, Seoul, Korea

14:00-14:30 Seminar 8 “Pediatrics”

Joo-Young Kim, MD, PhD
Proton Therapy Center, National Cancer Center, Korea

14:30-15:00 Seminar 9 “Head & Neck”

Professor Joseph Tung-Chieh Chang
Department of Radiation Oncology, Chang Gung Memorial Hospital-Linko

15:00-15:20 Coffee Break

15:20-15:50 Seminar 10 “Thorax (lung)”

Hideyuki Harada
Shizuoka Cancer Center, Division of Radiation Therapy

15:50-16:20 Seminar 11 “Liver”

Toshiyuki Okumura
Clinical professor of University of Tsukuba Hospital

16:20-17:00 Seminar 12 “GI (Esoph, Panc, and Rectum)”

Shigeru Yamada
Dept. of Charged Particle Therapy,
National Institutes for Quantum and Radiological Science and Technology

17:00-17:30 Seminar 13 “Prostate”

Hitoshi Ishikawa
Professor, Department of Radiation Oncology, University of Tsukuba, Faculty of Medicine

18:00-20:00 Welcome Dinner

Venue: Large banquet hall “SYUN” (2F)