

## JSMP119 Presidents Award, Gold Silver and Bronze

Award	ID	Authors	Title	Session category
President's Award Gold	O-040	Koki Kasamatsu, Taeko Matsuura, Seishin Takao, Sodai Tanaka, Naoki Miyamoto, Jin-Min Nam, Hiroki Shirato, Kikuo Umegaki	SLD repair impact on prolonged proton irradiation with various cell specific parameters	Radiation Therapy (Heavy Particle) E1 Biology/Range
President's Award Gold	O-057	Yutaka Otaka, Kenji Shimazoe, Yuki Mitsuya, Mizuki Uenomachi, Wei Seng Foong, Kei Kamada, Akira Yoshikawa, Shiro Sakuragi, Hiroyuki Takahashi	Evaluation of energy and time characteristics using Liqunert processed CeBr <sub>3</sub> crystals	Radiometry/Spectrometry/ Dosimetry/Protection E1 Charactarics of Measurement
President's Award Gold	O-080	Kentaro Miki, Akito Saito, Daisuke Kawahara, Takeo Nakashima, Ikuno Nishibuchi, Tomoki Kimura, Yuji Murakami, Yasushi Nagata	A new workflow of appropriate planning for VMAT using patient specific template with geometrical ideal dose distribution	Radiation Therapy (Photon/Electron) E3 VMAT/Treatment Planning 1
President's Award Silver	O-042	Takamitsu Masuda, Teiji Nishio, Akira Sano, Kumiko Karasawa	Proton dose estimation using PET: extension of the ML-EM algorithm to inhomogeneous targets	Radiation Therapy (Heavy Particle) E1 Biology/Range
President's Award Silver	IS-142	Toshiyuki Terunuma, Takeji Sakae	Target boundary tracking on BEV by patient-specific deep learning	[JSRT-JSMP Joint International Session Oral] Radiation Therapy: Particle
President's Award Silver	IS-135	Hiraku Iramina, Mitsuhiro Nakamura, Takashi Mizowaki	Development of a correction method for megavoltage scatter-contaminated CBCT image acquired during rotational beam delivery	[JSRT-JSMP Joint International Session Oral] Radiation Therapy: Photon/Electron -2
President's Award Bronze	O-086	Minoru Nakao, Shuichi Ozawa, Kiyoshi Yamada, Kentaro Miki, Takeo Nakashima, Mineaki Seido, Atsushi Kawakubo, Hiroshige Nozaki, Yasuyuki Kubo, Yasushi Nagata	Development of an original CT number calibration phantom for postal audit	Radiation Therapy (Photon/Electron) E4 Measurement
President's Award Bronze	O-017	Yuto Tamura, Kazuyuki Demachi, Ryota Kitsunai, Bhusal Chhatkuli Ritu, Masahiro Nakano, Kanabu Nawa, Keiichi Nakagawa	Realtime 3D movie reconstruction algorithm using MR-linac by deep learning	Radiation Therapy (Photon/Electron) E2 Deep Learning
President's Award Bronze	O-072	Shinya Mizukami, Hidetake Hara, Daiki Hatakeyama, Eiichi Kanai, Daiki Yokoyama, Hiroshi Muraishi, Tsutomu Gomi	Fundamental study of new CT-based thermometry for visualization to deep temperature in human body	Magnetic Resonance /Diagnostic Imaging (Others) E1 Magnetic Resonance/ Diagnostic Imaging (Others)