8:00 9:00 11:00 13:00 10:00 12:00 13:00 14:00 15:00 16:00 Venue National Convention National Convention Hall Hall 13:10 Marine Product Exhibition Lobby 13:30 15:30 National JSRT Special Program Convention Try it! Making a dosimeter in a seminar! Hall 1F Main Hall 13:20 13:30 ★ 10:30 ★ 14:20 14:30 ★ 16:20 16:3 15:40 15:50 🛨 11:10 11:20 🛨 12:10 12:30 Lunch Time Lecture 1 The transition from analog to digital and beyond: tharting the path to the future of radiological technology ICRPT Radiation ICRPT Radiation ICRPT Radiation ICRPT age Informatics: Prediction ICRPT Image Informatics: Segmentation lm Engin (Orr 502 Measurement Radiotherapy Measurement: Imaging Protection CT 13:20 13:30 14:20 16:20 16:3 11.20 12.3015:20 15:3 Lunch Time Lecture 2 Evolution of image reconstruction and image processing **Conference Center** MR (Artifact/Error) MR (Fluid/4D-flow) (DLR Chara MR (DLR Brain) MR 501 (Brain) 13:20 13:30 16:40 16: 10:30 11:10 11: 12:00 12:30 14:10 14:20 15:10 15:20 16:00 16:10 Lunch Time Lecture 3 The evolution of X-ray CT system СТ СТ СТ CT (Cardiac 2) СТ СТ 503 (Research and Development) (Image Analysis 1) Pediatric 1) (Cardiac 1) (Dual Energy 1) 13:30 14:20 16:10 Radiation Protection (Dose Manage-ment) Fluoroscopy and IVR Radiation Protection (Fluoroscopy and IVR) Measuren (CT Do 414+415 Pacifico Yokohama, (Image Evaluation) Optimizat 13:30 14:10 14: 16.10 16: X-ray (Machine Settings) X-ray (Dynamic Digital Radiography) 416+417 Education Medical Safety 315 10:30 ★ 11:30 ICRPT 419 X-ray and Others 418 F201+202 Pacifico Yokohama, Annex Hall F203+204 F205+206 **Exhibition Hall**

The 81th Annual Meeting of the JSRT Program April 10 (Thursday)

	★:E	English Pres	entation
17:00	18:00	19:00	
	17.10		National Convention Hall
	17:40		Marine Lobby
			National Convention Hall 1F
			Main Hall
17:10 17:20 nage ineering imics)	18:00 Image Engineering (Aided Measurement and Radiography)		502
17:10 17:20 MR R Image racteris- tics) 17:20	18:00 MR (DLR Image Influence)		501
CT (Cardiac 3)	17:40		503
SE (Meas tion) Techn	17:40 urement urement ologies)		414+415
50 17:00 Informa (Dos Manage) and Sys Operat	atics se ment stem		416+417
			315
			419
			418
			F201+202
			F203+204
			F205+206
			Exhibition Hall

The 81th Annual Meeting of the JSRT Program April 11 (Friday)

			II (IIIday)										Sentation
	Venue	8:00 9:00 10:00	11:00	12:00	13:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	
Hall	National Convention Hall					13:10 Open	14:00 14:20 14:3 Honorary Member Award Ceremo- ny	0 15:10 Joint Special Lecture Unveiling the secrets of the universe with neutrinos and gravitational waves	16:00 16:15 Joint Panel Discussion	Joint Symposium 1 Green Radiology			National Convention Hall
National Convention Hall	Marine Lobby	08:00 Proc	duct Exhibition					Pro	duct Exhibition		18:00		Marine Lobby
C	National Convention Hall 1F		10:45 11:30 JSMP Program: JSMP Letter 1 Exosome Orchestra Vision										National Convention Hall 1F
	Main Hall								45.00				Main Hall
	502	Occupational Radiomics Exposure	ICRPT UCREAT Medicine: UCREAT Medicine: UCREAT Medicine: UCREAT Performance Ceremo- Evaluation ny	A JSRT-JSMP Joint Lecture 2 Toward an ideal future <i>in</i> radiological technologists insights from dual licensin experience in Korea and J.	s: 1g apan				ICRPT Particle Therapy	Therapy: No Biophysics	18:00 RPT vel bology	_	502
Center	501	(Radiotherapy Division) Overview of AAPM TG-307 EVAluation of Japanese management for medical exposure	adiotherapy Treatment Nanning 1)	about AI: focusing on image quality improvement and large language models	w y				diagnosis using CsI flat panel detector	CT (Image Analysis	2)	_	501
	503	practical aspects of risk communication Protection Socie	Symposium 1 DRLs 2025 and beyond to be addressed by the Japane ty of Radiological Technology—	Lunch Time Lecture 5 Changes in infrastructure regional collaboration of medical image informatio	e in on				15:30 16:00 16:10 Sagi Award Redisorcteemise for discritions for inactivity of immune checkpoint molicules in breast cancer (17:00 17:00 1 SPECT Medicine Myocardial) (Deep Learning	e	Reception for All Participants (Congress	503
Yokohama, Conference	414+415	08:00 08:45 08:55 09:45 09:55 Expert Subcommittee Lecture (Imaging Sciences) Image quality indexes used in mammography	nest) CT (Cardiac 4)	Lunch Time Lecture 6 Techniques and programming for simulat using k-space								Party) Yokohama Bay Hotel Tokyu B2F	414+415
o Yokoh	416+417	08:00 Broadcast (414+415	5)	:45						roadcast (414+415)	18:00	Queen's Grand Ballroom 18:45~	416+417
Pacifico	315	08:30 Hands on Seminar 1 Introduction to uncertainty evaluation in radioth an example of absorbed dose to water in referen for high-energy photon beams	11:30 herapy: nce conditions						15:30 Hands-On Seminar Developing AI Techn- image diagnosis suppo	ology for		20:00	315
	419	08:00 🛨 08:50 ICRPT Clinical Technique											419
	418	10.20	JSMIP-JSH1 Joint Lecture 1 Open science and research data management for achieving transparent and trustworthy research										418
ama, II	F201+202	Measurement principles and physics of various radiation detectors (Measurement) Calibration of personal dosimeter (Measurement) dosimeter (Measurement) dosimeter	surement Division nt principles and characteristics of simeter	Lunch Time Lecture 7 Computational radiation biology using radiation transport simulation —A Geant4-DNA nanodosimetric approach	-				Key points for evaluating nonlinear image processing in DR systems	96th Imaging Sciences Divisior Discussion on image quality evaluat non-linear image processing in DR s	tion of systems		F201+202
Pacifico Yokohama, Annex Hall	F203+204	(Diagnostic Imaging: General) Education becaries Proposal for currect aduation (Diagnostic Imaging) Advances in breast cancer Multimodal anteroposterior photography and diagnostic	nostic Imaging Division General approaches to breast cancer screeni tics	ing Transition of mammography	2:50				Proper use and precautions for radiation shielding devices for patients and examiners	60th Radiation Protection Divis Practical knowledge of radiation pro- in clinical settings: the effective use of protective equip	otection		F203+204
Pacif	F205+206	Lower Limb) (Bri	10:45 1055 11 MR east) (Analysis/Deve opment)	:45 el-					15:30 16:20 MR (Vessel/MRA)	1630 17:20 MR (Heart)			F205+206
Ext	nibition Hall	09:30 10:00 ITEM 2025 Opening Ceremony Int	ternational Technical Exhibition	of Medical Imaging (ITEN	(N		Interna	ational Technical Ex	chibition of Medical Imagir	ng (ITEM)	18:00		Exhibition Hall

\star : English Presentation

The 81th Annual Meeting of the JSRT Program April 12 (Saturday)

The 8	1th Annual Mee	ting of the JSRT Program April 12 (Saturday)	ntation					
	Venue	8:00 9:00 10:00 11:00 12:00 13:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00						
- Hall	National Convention Hall	Joint Symposium 2 Considering genomic medicine: Contribution of medical physics to society 5.0 Considering genomic medicine:	National Convention Hall					
National Convention H	Marine Lobby		Marine Lobby					
Con	National Convention Hall 1F	The 3rd next generation Gisminute and the Discontinuing and Discon	National Convention Hall 1F					
	Main Hall							
	502	Analysis and Technique X-ray X-ray Technology Doi Award, Most Citation Award, Doi Award Lectures Doi Award, Technology Technology Technology Dia Award, Most Citation Award, Doi Award Lectures Technology Technology Dia Award, Biophysics Technology Others Generative AI Interacts, Detection	502					
Center	501	Allowing require unit Project 2: internationalization Code 2: Planning 2: Support: evolution and new possibilities a new step towards the future of healthcare (Scientific Division)	501					
Conference	503	Nuclear medicine imaging in the endocrime disorders (Dosimetry) (Dosimetry) (Dosimetry) (Counting 1) Analysis 3) USRT journal digitization initiatives and future prospects (Counting 1) Video (Counting 1)	503					
_	414+415	(Mesadation interactive and interaction coefficients Abdomen) (Metadoulism and Evaluation) Anarysis and Lee ano All Lee ano All	114+415					
o Yokohama,	416+417	08:00 11:35 13:10 17:20 Broadcast (414+415) Broadcast (414+415) Broadcast (414+415) Broadcast (414+415)						
Pacifico	315	10:00 11:30 Hands on Seminar 2 Radiotherapy plan check introductory seminar						
	419							
	418	418						
ama, I	F201+202	Dose concept used for radiation protection Dose concept used for the DICOM standard of t	201+202					
Pacifico Yokohama, Annex Hall	F203+204	The use of cardia CG in the field of cardiology based on the "new" regional medical care vision for 3900	203+204					
Pacif	F205+206	13:3014:2014:3015:1015:2016:00Radiotherapy (Dose Assessment 1)Radiotherapy (Irradiation Technique 1)Radiotherapy (Miscella- neous)Radiotherapy (Miscella- neous)F2C	205+206					
Ex	hibition Hall	09:30 International Technical Exhibition of Medical Imaging (ITEM) International Technical Exhibition of Medical Imaging (ITEM)	xhibition Hall					

13:00 14:00 8:00 9:00 10:00 11:00 12:00 13:00 15:00 16:00 Venue 08:00 08:45 08: 09:45 15:30 16:45 11:50 National Expert Educational Lecture 89th Radiotherapy Division Subcommittee Lecture (Radiotherapy) How to proceed with setup error analysis (Radiotherapy) Introduction to artificial intelligence: basic knowledge for using in medicine and research Application of artificial intelligence (AI) in radiation therapy: present and future Joint Closing and Convention Awards Ceremony Hall Hall National Convention H 08:00 Marine Product Exhibition Product Exhibition Lobby 09:30 08:0 10:00 11:30 National JRS Program: Special Program 4 Pioneering a New Era in Radiology : The Launch of JRS-NEXT by Young Radiologists JRS Program: President Special Program 1 SRT vs IR: Showdown over the Convention Ultimate Local Treatment Hall 1F Main Hall 12:10 JSMP-JSRT Joint Lecture 3 Respiratory motion and its limpact on proton therapy for 'ver tumors: insights from 'tomy, physiology, and -sdical engineering 13:10 🛨 13:50 14:00 08:00 🛨 09:00 09:10 10:40 1 01 11:50ICRPT Radiation Protection: Radiotherap ICRPT CT: ICRPT Nuclear Medicine: ICRPT ICRPT Photon Therapy ICRPT 502 CT: Technique and Proton Therapy Analysis and Others mulation and Others Dose Evaluatio Clinical Application and Nuclear Medicine 08.00 08:45 08:5 09.45 09 10.25 10.3 14.00 15.1Expert Subcommittee СТ unch Time Lecture 14 Lecture (Medical Informatics) Artificial intelligence research and medical СТ СТ Center (Contrast СТ СТ 501 ition in genera (Photon Pediatric adiography -from analog to digital and ato the AI Era— Enhance-(Dual Energy 3) (Cardiac 6) Counting 2) 2) ment) 08:00 08:45 08:5 10:55 11.20 13.00 13:10 14:00 14.5 Conference Executive Lunch Time Lecture 15 Expert Subcommittee Symposium 3 Epoch-making: milestones in the field of radiological technology SPECT Lecture (Nuclear Medicine) Committee Session 2 ostic imaging and SPECT 503 (Imaging Techniques) (Ring Type) evolution of In Overview of Japan sing on the radiation DRLs 2025 nology 08.00 09:00 09:10 12:10 13.00 13:10 13:50 1 14:40 11.50 Measurement Nuclear PET unch Time Lecture 16 Radiotherapy (Dose Assessment 2) Radiotherapy adiation Protecti (Radiation Protection and Dose Management) 414+415 (General Radiography & CT) Medicine (QA/QC) (Imaging Techniques) Global impact and intellectual property stra in radiation therapy (Irradiation Technique 2) Pacifico Yokohama, 08.00 08:50 10:30 1 13:10 13.50 1/1./ Medical **Bone Mineral** X-ray Fluoroscopy and Fluoroscopy and X-ray (Artificial IVR formatics (Large Density (Performance Evaluation of 416+417 IVR (Cardiovascular and (Clinical Dose) _anguage Model) Intelligence) Imaging) Ultrasound Equipment) Hands on Seminar 3 315 stmortem image interpretation workshop 419 418 08:45 08:55 08.00 09:55 10.20 11:50 12:10 13.00 14.00 14.1 Image Engineering ecture (Image Sciences) Education Committee Session 1 Image nch Time Lecture 17 e past and future of dical image display devia Image Engineering F201+202 Engineering Research support programs from the regional chapters of JSRT (Image Quality Evaluation) Pacifico Yokohama, Annex Hall (CT) ical image ar (Deep Learning) 08.00 08.45 08 09:45 11:50 12:10 13.00 13:10 14:00 84th Diagnostic Imaging Division Theme C: MR Gynecologic MRI: key points for disease detection MR Educational Lecture (Diagnostic Imaging) MR imaging in gynecology unch Time Lecture 18 MR Clinical application of high-speed MR imaging Development of the first MRI product in Japan and subsequent technological evolution (Imaging Condition Method) F203+204 (Imaging Condition Optimization) F205+206 09:30 15:0 International Technical Exhibition of Medical International Technical Exhibition of Medical **Exhibition Hall** Imaging (ITEM) Imaging (ITEM)

The 81th Annual Meeting of the JSRT Program April 13 (Sunday)

	★ : E	nglish Pres	sentation
17:00	18:00	19:00	
			National Convention Hall
			Marine Lobby
			National Convention Hall 1F
			Main Hall
			502
			501
			503
			414+415
			416+417
			315
			419
			418
			F201+202
			F203+204
			F205+206
			Exhibition Hall

\star : English Presentation