



# ESTRO meets ASIA 2024

PROGRAMME ANNOUNCEMENT  
Joint FARO-ESTRO Congress  
**@ ESTRO meets Asia 2024**

**23-25 August 2024**  
Kuala Lumpur, Malaysia



**ESTRO**

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FRIDAY 23 AUGUST 2024 <sup>(1)</sup>

09:00-09:40	TEACHING LECTURE		TEACHING LECTURE		TEACHING LECTURE	
	Oral cavity cancers		Accumulated dose in clinical practice		Pushing boundaries in radiotherapy: advancements, challenges, and future directions	
	Chair	Imjai Chitapanarux (Thailand)	Chair	Ivan Vogelius (Denmark)	Chair	Bartosz Bak (Poland)
	Speaker	Sarbani Ghosh Laskar (India)	Speaker	Eliana Vasquez Osorio (United Kingdom)	Speaker	Technological innovations in radiotherapy Filipe Moura (Portugal)
				Speaker	Patient-centred care and communication Sharon Wong (Singapore)	
09:45-11:00	SYMPOSIUM		PANEL DISCUSSION		SYMPOSIUM	
	Management of nasopharyngeal carcinoma in 2024 and beyond		Lessons learned in online adaptive workflows: A physics perspective		Motion management	
	Chairs	Rajesh Vashistha (India)	Moderator	Núria Jornet (Spain)	Chairs	Taeyoon Kim (Republic of Korea)
		Manuel Martin Lopez (Philippines)	Panellists	Uulke van der Heide (The Netherlands) Michael Jameson (Australia)		Elizabeth Forde (Ireland)
	Speaker	EBV and HPV-associated disease: Two similar faces of different diseases? Joseph Wee (Singapore)			Speaker	SGRT implementation and clinical outcomes Bartosz Bak (Poland)
	Speaker	Optimal association between radiotherapy and systemic treatment Hai-Qiang Mai (China)			Speaker	Advances in SGRT technology Guorong Yao (China)
	Speaker	Delineation of Clinical Target Volumes (CTV) for Nasopharyngeal Carcinoma – Revisited Ann Lee (Hong Kong, China)			Speaker	SGRT and patient experience Filipe Moura (Portugal)
	Speaker	Local recurrence of nasopharyngeal carcinoma: re-irradiation, immunotherapy, surgery? David Lee (Malaysia)				
11:00-11:30	COFFEE BREAK					
11:30-12:30	PROFFERED PAPERS		PROFFERED PAPERS		PROFFERED PAPERS	
	Head & neck		Gynaecological		Motion management	
	Chairs	Vincent Grégoire (France)	Chairs	Ramesh Bilimagga (India)	Chairs	Emily Hewson (Australia)
		Manuel Martin Lopez (Philippines)		Dora Lai Wan Kwong (Hong Kong, China)		Shigekazu Fukuda (Japan)
		Response-adapted risk index model for prognosis and treatment selection in nasopharyngeal carcinoma		Moderated Hypofractionated Adaptive Radiotherapy in Cervical Cancer: A Prospective 1 Clinical Trial		Automating the extraction of Radixact Synchrony performance data for quality improvement
		International consensus for the target volume delineation for NPC after ICT: First round results		evaluation of sexual quality of life in cervical cancer patients undergoing chemoradiotherapy		Monte Carlo calculation of total skin electron therapy dose using whole-body photogrammetry models
		Correlation of cf DNA with response in head & neck cancer treated with definitive chemoradiotherapy		To assess response & QOL in locally advanced cancer cervix patients treated by NACT followed by CRT		Strategy to tackle uncertainty in breast VMAT: Robust optimization vs. Virtual bolus
		Treatment outcomes of swallowing sparing VMAT in HPV negative Head and Neck Carcinoma patients.		Effect of cisplatin cycles on prognosis for cervical cancer patients treated with chemoradiotherapy		Need of ITV margin for mediastinal tumours in patients treated with DIBH technique
				Bone marrow sparing in post-operative gynaecological malignancies: Proton vs Photon Radiotherapy		Selection criteria and method for DIBH in patients with left breast cancer undergoing PORT/IMRT
				Real-world Deep Learning for Autocontouring in Cervix MRI-Brachytherapy: Practicalities and Pitfalls		Comparing proximal bronchial tree dose in lung SBRT with AIP and combined auto-segmented 4DCT phases
				Impact of Endocavity Balloon Use during MRI-Based Endorectal Brachytherapy For Rectal Cancer		MRI-guided radiotherapy for focal boosting of T3b prostate cancer
12:30-14:00	LUNCH BREAK & INDUSTRY SYMPSOIA					

FRIDAY 23 AUGUST 2024 (2)

14:00-14:40	TEACHING LECTURE		TEACHING LECTURE		PANEL DISCUSSION	
	Management of oesophageal cancer		New radiobiological insights and how we can apply them in the clinic		Emerging trends in publishing	
	Chair	Junlin Yi (China)	Chair	Vincent Grégoire (France)	Moderator	Bartosz Bak (Poland)
	Speaker	Connie Yip Siew Poh (Singapore)	Speaker	Ivan Vogelius (Denmark)	Panellists	Michelle Leech (Ireland) Denise Choong (Singapore) Cherry Agustin (Australia)
14:45-16:00	SYMPOSIUM		SYMPOSIUM		SYMPOSIUM	
	Combined immunotherapy and radiotherapy: What don't we know yet?		Brachytherapy		Role development in RTT advanced practice	
	Chairs	Vincent Grégoire (France)	Chairs	Victor Hernandez (Spain)	Chairs	Sharon Wong (Singapore)
		Tiara Bunga Mayang Permata (Indonesia)		Yee Pei Song (United Kingdom)		Filipe Moura (Portugal)
	Speaker	A review of the immune landscape in tumour development and therapy Martin Pruschy (Switzerland)	Speaker	Brachytherapy with intracavitary-interstitial applicators Supriya Chopra (India)	Speaker	Advancing patient care: The expanding role of RTTs in advanced radiation modalities Yat Man Tsang (Canada)
	Speaker	Which target volume should we select when radiotherapy is combined with immune blockers? Vincent Grégoire (France)	Speaker	Commissioning of applicators Jeevanshu Jain (India)	Speaker	Addressing the educational and training needs of RTT Taeyoon Kim (Republic of Korea)
	Speaker	Correct sequencing of therapies Dora Lai Wan Kwong (Hong Kong, China)	Speaker	Dosimetry audit projects for safe and effective radiotherapy treatments Krzysztof Chelminski (Austria)	Speaker	The role of RTT in online adaptive radiotherapy Helen McNair (United Kingdom)
	Speaker	Toxicity profile of immune therapy combination with radiotherapy Melvin L.K. Chua (Singapore)			Speaker	The APRT role in advanced breast treatment Li Hoon (LiYun) Lim (Singapore)
16:00-16:30	COFFEE BREAK					
16:30-17:30	PROFFERED PAPERS		PROFFERED PAPERS		PROFFERED PAPERS	
	Artificial intelligence and response prediction		Biology		Gastro-intestinal	
	Chairs	Yuji Murakami(Japan)	Chairs	Martin Pruschy (Switzerland)	Chairs	Uranchimeg Tsegmed (Mongolia)
		Eliana Maria Vasquez Osorio (United Kingdom)		Manoj Gupta (India)		Karin Haustermans (Belgium)
		Exploring Impact of Dose Deposition and Breast Composition on Acute Breast Oedema after Radiotherapy		Enhancing Radioresponse using Ultrasound-Stimulated Microbubbles in Murine Head and Neck Cancer		Early complete tumor response as a survival predictor in HCC patients receiving SBRT
		Discerning Clinical Target Volume of Endometrial Cancer via a Lightweight Multi- modal Framework		p53 oscillatory activation regulates DNA damage repair in intestinal stem cells after radiation		Impact of Dose in Oligometastatic Liver SABR: A UK Single-Centre Experience
		development of deep learning based delineation method of clinical target volume for lung tumor		USP15 regulates DNA damage repair by modulating ATM stability in intestinal epithelial cells		preventive effect of bifidobacterium longum on radiation-induced intestinal injury—a phase 2 trial
		Clinician experience with an AI-enhanced target delineation workflow: a mixed-methods pilot study		Biological roleof tRFsmediated ferroptosis regulating radioresistance of cervicalcarcinoma		Impact of locoregional thermoradiation in locally advanced rectal cancer: Prospective phase II trial
		Network-wide implementation and uptake of an AI contouring platform: 33 departments in 20 days		Combination of ctDNA and PET identify patients at risk for relapse with irradiated early-stage NSCLC		Standard-of-care systemic therapy with or without radiotherapy in patients with unresectable ICC
MIR-based radiomoics model predicts progressssion in high-grade glioma		IL8 with M2 macrophage infiltration as a prognostic marker differentiates WHO Gr.3 and Gr.4 gliomas		Neoadjuvant immuno-chemoradiation in esophageal cancer: an individual patient data meta-analysis		
		An investigator-initiated clinical study using SBRT as “in situ vaccination”：“R-ISV-FOLactis”trial		Multimodal radiomics predicts pathological response of esophageal cancer after neoadjuvant therapy		
17:30	NETWORKING EVENT IN THE EXHIBITION					



SATURDAY 24 AUGUST 2024 <sup>(1)</sup>

09:00-09:40	TEACHING LECTURE		TEACHING LECTURE		TEACHING LECTURE		
	How to treat rectal cancer in 2024		MLC modelling and configuration in TPSS: Current challenges and new methodologies		Image-guided adaptive radiation therapy		
	Chair	Xianshu Gao (China)	Chair	Emily Hewson (Australia)	Chair	Guorong Yao (China)	
	Speaker	Karin Haustermans (Belgium)	Speaker	Victor Hernandez (Spain)	Speaker	Fu Jin (China)	
09:45-11:00	SYMPOSIUM		SYMPOSIUM		SYMPOSIUM		
	Experience with advanced radiotherapy in Asia		Advanced monitoring and management of treatment delivery uncertainties		Cultural perspectives on PROMs implementation: A global dialogue in radiation oncology		
	Chairs	Ivan Tham (Singapore)	Chairs	Parminder Basran (Canada)	Chairs	Michelle Leech (Ireland)	
		Shuichi Ozawa (Japan)		Sharon Flynn (Australia)		Yat Man Tsang (Canada)	
	Speaker	Proton and carbon therapy: recent technological advances Hikaru Souda (Japan)	Speaker	Transit dosimetry with EPID Núria Jornet (Spain)	Speaker	ePROMs: What is possible? Elizabeth Forde (Ireland)	
	Speaker	Proton and carbon therapy: technical advantages and pitfall from the physics point of view Hyeongmin Jin (Republic of Korea)	Speaker	Motion management and tracking Emily Hewson (Australia)	Speaker	Global dialogue on PROMs Jeffrey Kit Loong Tuan (Singapore)	
	Speaker	Clinical benefit of Hadron therapy (p+ and C+) Tatsuya Ohno (Japan)	Discussion		Speaker	Keys to success in PROMs: A patient’s view lying on the LINAC Julie McCrossin (Australia)	
	Speaker	How to validate the added value of these technologies: RCT, model-based, outcome data? Wai Tong Ng (Hong Kong, China)					
11:00-11:30	COFFEE BREAK						
11:30-12:30	PROFFERED PAPERS		PROFFERED PAPERS		PROFFERED PAPERS		
	Global cancer care and health services research		Treatment planning and radiation dose-effect relationships		Patient care and patient experience		
	Chairs	Anna Kirby (United Kingdom)	Chairs	Yasushi Nagata (Japan)	Chairs	Gurvinder Singh Wadhawan (India)	
		Shyam Kishore Shrivastava (India)		Caroline Wright (Australia)		Guorong Yao (China)	
		The green side effect of a quality project : how to reduce the carbon footprintin radiotherapy		Simultaneous integrated boost Versus Sequential boost in hypofractionated whole-breast irradiation		Treatment of follicular lymphoma with a focus on the radiotherapy experience	
		Global radiotherapy demands and corresponding medical professional workforce requirements		Discussions on splenic dose-volume constraints: a clinical perspective		Assessment of Usage, Reuse and Disposal of Thermoplastic Masks among Radiographers	
		Radiotherapy Utilization Rate (RUR) of Colorectal Cancer in Indonesia: An Analysis of 3,330 Patients		Relationship between thyroid dose-volume parameters and hypothyroidism in head and neck radiotherapy		Be what you want to be: an easy way to decrease apprehension in children receiving cranial radiation	
		A Geospatial Analysis of Radiotherapy Access in Indonesia		High thermal dose improves effect in non-muscle-invasive bladder cancer treated with MMC and heating		Herocare: holistic empowerment in radiation oncology for cancer children and carers	
		Health literacy impact in advanced cancer: randomized study in team-based palliative radiotherapy		IMPT versus IMRT for anal cancer: Is there a dosimetric advantage to translate to clinical benefit.		Knowledge Support for Adolescent and Young Adult Cancer Survivors of Lymphoma in Ireland (KAYAC)	
		COVID-19 pandemic impact on breast cancer care: A tertiary cancer center case-control study		Effect of 3DCRT/IMRT/Tomotherapy on left anterior descending artery dose in left breast cancer.		Report on late effects of definitive hybrid brachytherapy followed by IMRT (HyBIRT) of tongue cancer	
	12:30-14:00	LUNCH BREAK & INDUSTRY SYMPSOIA					

SATURDAY 24 AUGUST 2024 (2)						
14:00-14:40	TEACHING LECTURE		TEACHING LECTURE		TEACHING LECTURE	
	Current standard of care treatment in non-metastatic cervix cancer		All the way from the clinic to scientific publications: Hints and tips for medical physicists		Burnout, balance and retention in radiation therapy	
	Chair	Angela Giselsvania (Indonesia)	Chair	Marianne Aznar (United Kingdom)	Chair	Guorong Yao (China)
	Speaker	Supriya Chopra (India)	Speaker	All the way from the clinic to scientific publications: Hints and tips for medical physicists Ludvig Muren (Denmark)	Speaker	Burnout amongst radiation oncology professionals Elizabeth Forde (Ireland)
			Speaker	All the way from the clinic to scientific publications: Hints and tips for medical physicists Uulke van der Heide (The Netherlands)	Speaker	Priorities of our generation: Work life balance and impact of staff retention Caroline Wright (Australia)
14:45-16:00	SYMPOSIUM		PITCH SESSION		SYMPOSIUM	
	Dose, fractionation & target volume in non-metastatic prostate cancer		Education in radiation oncology: World perspectives in support of global progress in medical physics education		Leadership and management	
	Chair	Hong Gyun Wu (Republic of Korea) Hidefumi Aoyama (Japan)	Chair	Ludvig Muren (Denmark) Ung Ngie Min (Malaysia)	Chairs	Bartosz Bak (Poland)
						Denise Choong (Singapore)
	Speaker	Dose and fractionation Karin Haustermans (Belgium)	Speaker	Implementation of the Website of Online Resources for the Learning and Development of Medical physicists (World of MP) Parminder Basran (Canada)	Speaker	Effective leadership styles in radiation therapy Michelle Leech (Ireland)
	Speaker	Role of pelvic nodal irradiation Vedang Murthy (India)	Speaker	The ESTRO-EFOMP core curriculum: a joint effort from European medical physics experts in Radiation oncology Núria Jornet (Spain)	Speaker	Challenges in radiation therapy management Yat Man Tsang (Canada)
	Speaker	Role of hormonal treatment Marniza Saad (Malaysia)	Speaker	Challenges and Opportunities in developing medical physics educational materials and promoting scholarship in Malaysia Jeannie Hsiu Ding Wong (Malaysia)	Speaker	Team building and collaboration in radiation therapy Sharon Wong (Singapore)
	Speaker	Role of PSMA PET-CT for work-up and treatment Tzu Chen Yen (Taiwan)	Speaker	The Potential for Cost effective use of mobile devices and MCQ banks for international assessment, or recognition of mastery, based on the Australian Experience Sharon Flynn (Australia)	Speaker	Leadership development programmes for radiation therapy Tomoaki Tamaki (Japan)
16:00-16:30	COFFEE BREAK					
16:30-17:30	PROFFERED PAPERS		PROFFERED PAPERS		PROFFERED PAPERS	
	Breast, lung and urology		Education		Quality assurance, audit and treatment	
	Chairs	Soehartati Gondhowiardjo (Indonesia)	Chairs	Miriam Joy Calaguas (Philippines)	Chairs	Núria Jornet (Spain)
		Mariko Kawamura (Japan)		Uulke van der Heide (The Netherlands)		Shuichi Ozawa (Japan)
		Strong continuous thermal dose-effect relationship in postoperative recurrent breast cancer patients		A home-grown clinical oncology training program to address the shortage of oncologists in Malaysia.		Remote radiotherapy audit using a virtual linac log data technique
		Risk-adapted sabr for central/ultracentral primary lung cancer: safety/efficacy, and the role of pbt		Impact of workflow development and trainings on addressing staff fear to implement brachytherapy		Enhanced Collaboration in Physics QA for Radiotherapy in Japan: The Hiroshima Model
		20 years of HDR brachytherapy boost in high-risk prostate cancer patients: long-term outcomes		Opportunities and learnings from two-years of online education sessions for RTTs across Asia-Pacific		Development of level 3 3D dosimetry audit usingPRESAGE dosimeter inbespokeanthropomorphic phantom
		The use of androgen deprivation therapy and radiotherapy for prostate cancer: findings from PCOR-ANZ		Development of an international, remote dosimetry training program		Four-years audit of radiation treatment time and compliance to radiotherapy in Head-Neck Cancer
		A novel therapy based on SBRT targeting HER-2 expressionadvanced solid tumors (PRaG 3.0 Regimen)		Beyond the books/ A specialised training program for new graduate Radiation Therapists		Film processing for auditing of intracranial stereotactic radiosurgery for multiple brain metastases
						efficacy of postoperative radiation therapy on local control rates in keloid treatment
						Implementation of SGRT in positioning patients with pain: time and set-up accuracy

SUNDAY 25 AUGUST 2024

09:00-09:40	TEACHING LECTURE		TEACHING LECTURE		PITCH SESSION	
	Radiotherapy for breast cancer in 2024: A review of hot topics		Statistics for outcome modelling/radiomics		What is the best immobilisation device?	
	Chair	Soehartati Gondhowiardjo (Indonesia)	Chair	Marianne Aznar (United Kingdom)	Chair	Filipe Moura (Portugal)
	Speaker	Anna Kirby (United Kingdom)	Speaker	Ivan Vogelius (Denmark)	Speaker	Patient comfort in radiation therapy Caroline Wright (Australia)
					Speaker	From gadgets to good care: Navigating immobilisation devices for enhanced efficiency Helen McNair (United Kingdom)
Speaker					Patient positioning and immobilisation procedures for proton therapy Sze Yarn Sin (Singapore)	
					Discussion & Voting	
09:45-11:00	SYMPOSIUM		SYMPOSIUM		SYMPOSIUM	
	Management of non-squamous cell lung cancer		Surveying approaches to, and developments in, dosimetry audits in radiotherapy		Imaging protocols: Cutting-edge advancements in radiation therapy imaging	
	Chairs	Yasushi Nagata (Japan)	Chairs	Shigekazu Fukuda (Japan)	Chairs	Helen McNair (United Kingdom)
		Shyam Kishore Shrivastava (India)		Victor Hernandez (Spain)		Elizabeth Forde (Ireland)
	Speaker	Respiratory motion management Marianne Aznar (United Kingdom)	Speaker	“Dosimetry Audits in Australia and New Zealand: Seeking Equality in Patient Care, Outcomes and Safety” Rhonda Brown (Australia)	Speaker	Imaging protocol optimisation for safety and efficiency Bartosz Bak (Poland)
	Speaker	State of the art target volume delineation Anusheel Munshi (India)	Speaker	A virtual audit system for intensity-modulated radiation therapy credentialing in Japan Clinical Oncology Group clinical trials Mitsuhiro Nakamura (Japan)	Speaker	Introducing different imaging protocols that consider the motion-sensitive nature of proton therapy Youngyih Han (Republic of Korea)
	Speaker	Multidisciplinary management of locally advanced lung cancer Victor Lee (Hong Kong, China)	Speaker	Dosimetry audits in radiotherapy in China Zhenjiang Li (China)	Speaker	AI integration in imaging protocols Jiazhou Wang (China)
Speaker	Radiotherapy and immune blockers: State-of-the-art and unresolved questions Kevin Chua (Singapore)	Speaker	Advances in dosimetric verification of advanced RT techniques – Perspectives from UK/Europe Núria Jornet (Spain)			
11:00-11:30	COFFEE BREAK					
11:30-12:30	CLOSING SYMPOSIUM					
	Artificial Intelligence in daily routine management of malignant tumours					
	Chairs	Anna Kirby (United Kingdom)				
		Yasushi Nagata (Japan)				
	Speaker	AI for organ at risk and target volume delineation Jin Sung Kim (Korea Republic of)				
	Speaker	AI for dose calculation and adaptive RT Eliana Maria Vasquez Osorio (United Kingdom)				
Speaker	Artificial intelligence in radiation oncology: Where we are going to? Nikos Paragios (France)					