Transformative innovation through partnership



ANNUAL ESTRO CONGRESS

2-6 May 2025 Vienna, Austria

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**### #ESTRO 25

FRIDAY 2 MAY											
'	Brahms	Straus 1-2	Schubert	Lehar 1-3	Strauss 3	Stolz 1	Stolz 2	Lehar 4			
		PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE			
		Practical guide to combine novel systemic therapies and radiation therapy	Radiotherapy as "New Kid on the Block": Uncommon indications	Impact of current (radio)biological knowledge on treatment choices in radiotherapy	Multidisciplinary management of bladder cancer: How to implement contemporary	Design to dissemination - Research bootcamp 2025	Predictive molecular signatures in radiation oncology	Innovations in evidence-based brachytherapy (interventional RT) of the head & neck region			
08:30-17:00		COURSE DIRECTORS: Dirk De Ruysscher (NL) & lcro Meattini (IT)	COURSE DIRECTORS: Giulio Francolini (IT) & Daniel Portik (BE) & Sarah Kelly (BE)	COURSE DIRECTORS: Marta Gizynska (NL) & Charlotte Robert (FR)	radiotherapy in your department? COURSE DIRECTORS: Ananya Choudhury (UK) & Paul Sargos (FR)	COURSE DIRECTORS: Aileen Duffton (UK) & Rita Simões (UK)	COURSE DIRECTORS: Christopher Talbot (UK) & Bartek Tomasik (PL) & Conchita Vens (UK)	COURSE DIRECTORS: Luca Tagliaferri (IT) & Piotr Wojcieszek (PL)			
	EVENT										
	13:00-16:00 National Societies Afternoon										
17:10-18:00	OPENING CEREMONY										
18:15	WELCOME IN EXHIBITION A	REA FOLLOWED BY NETWORKING EVENING									

INTERDISCIPLINARY SESSION

RADIOBIOLOGY SESSION

CLINICAL SESSION

PHYSICS SESSION

RTT SESSION

BRACHYTHERAPY SESSION

YESTRO SESSION

// ADD-ON COURSE, SEPARATE REGISTRATION NEEDED

SATU	RDAY 3 MAY												
	Mahler	Brahms	Plenary Hall	Straus 1-2	Schubert	Lehar 1-3	Haydn	Strauss 3	Stolz 1	Business 1-2	Stolz 2	Business 3-4	Lehar 5
	MEET-THE-EXPERTS	TEACHING LECTURE	TEACHING LECTURE	MEET-THE-EXPERTS	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	PANEL DISCUSSION		1		1	
08:00-08:40	Chemoradiotherapy still plays a role in the multidisciplinary care of oesophageal and gastric cancer	Moving form single cell genomics to spatial transcriptomics	Another year has gone by: What's new in axillary irradiation including RNI?	Implementation of the ESTRO "reirradiation of glioblastoma" guideline	Foundation models in radiotherapy	Reference dosimetry for ultra- high dose rate radiotherapy	Lung cancer radiotherapy: Pioneering trends and innovations for futurepractice	08:00-08:55 Shaping the future of brachytherapy: A roadmap for enhanced clinical application					
	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	PITCH SESSION	SYMPOSIUM	SYMPOSIUM						
00./E 10.00	Crossing the 2nd translational gap in radiation oncology:	Advances in DNA damage response: Bridging	Optimisation of treatment for early breast cancer: A leap out		The impact of not knowing what you don't know	In-vivo treatment verification in particle therapy: Quo vadis?	Optimising online adaptive radiotherapy delivery	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	
08:45-10:00	How do we ensure innovation gets to patients and delivers the best possible outcomes	mechanisms and clinical applications in radiation therapy	of the box					09:00-10:00 Strategies for dose accumulation in brachytherapy	09:00-10:00 Advanced treatment planning 1	09:00-10:00 Sarcoma / Skin cancer / Malignant melanoma	09:00-10:00 Genito-urinary 3	09:00-10:00 Toxicity and outcome prediction	
10:00-10:30	COFFEE BREAK									1			
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	CONTOURING WORKSHOP
10:30-11:30	Upper Gl 1	Biomarkers and strategies to predict radiation response	To be confirmed	CNS & Heart	CBCT-based online adaptive radiotherapy	Particle therapy: Unlocking the full potential	Precision redefined: Advances in adaptive radiotherapy	Brachytherapy for gynaecological cancers	Head & neck 2	Transforming quality assurance through innovation	acquisition and	Paediatric & Mixed sites / Palliation	10:30-12:30 Pelvic LN and OARs for adaptive radiotherap
11 (0 12 (0			PRESIDENTIAL SYMPOSIUM				MULTIDISCIPLINARY TUMOUR BOARD					1	treatments
11:40-12:40			Transformative innovation through partnership				Treatment of spinal tumours: A football match						
12-45-14-15	LUNCH AND SATELLITE SYMPOSIA							GEC-ESTRO ASSEMBLY					
12.40 14.10	LONGII AND SAILLLIIL STI'II OSIA							13:00-14:00					
14:15-14:40			E. VAN DER SCHUEREN AWARD										
14:40-15:05			J OVERGAARD LEGACY AWARD										CONTOURING WORKSHOP
	SYMPOSIUM	DEBATE	DEBATE	JOINT SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	
15:15-16:30	Transforming radiotherapy by rethinking interdisciplinary collaboration	Mathematical oncology and Al Revolutionising personalised medicine or overhyped promise?	: Management of stage III NSCLC in the IO era: Knife or beam?	ESTR0-ESM0 Integration of novel systemic therapies into radiotherapy: Why, when and how?	This house believes that NTCP models should be leading our clinical decision-making	Verification and QA for online adaptive radiotherapy	Personalisation of patient information needs	Interventional immuno- rdiotherapy: The role of in- terventional radiotherapy (brachytherapy) in the im-	15:15-16:15 Lower GI 2	15:15-16:15 Innovations in radiotherapy care and support	15:15-16:15 Genito-urinary 4	15:15-16:15 Advanced treatment planning 2	Brain Cance
16:30-17:00	COFFEE BREAK							munotherapy era					
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	
17:00-18:00	Economically sustainable radiotherapy	Innovation in normal tissue protection+B44:L44	Late-breaking clinical trials	Breast 1	Highlights predicting toxicities	Advancing quality by multicentre collaboration	Beyond the beam: Redefining the patient experience	GI / Head & neck / Eye brachytherapy	Intra-fraction motion management	Paediatric tumours	Lung 3	Innovations in particle therapy: More efficient, more adaptive and more control	





JUNU	AY 4 MAY												
	Mahler	Brahms	Plenary Hall	Straus 1-2	Schubert	Lehar 1-3	Haydn	Strauss 3	Stolz 1	Business 1-2	Stolz 2	Business 3-4	Lehar 5
	TEACHING LECTURE	PANEL DISCUSSION	MEET-THE-EXPERTS	PANEL DISCUSSION	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE					
08:00-08:40	Radiation omission trials: The dust has settled - How to revisit and optimise radiation oncology clinical trial design in smarter ways?	FLASH radiotherapy: From bench to bedside	Implementation of the "postoperative H&N target volume definition" guideline	Rectal cancer is the new anal cancer: Organ preservation in focus	Multi-parametric MRI for radiotherapy	Autoplanning: Supported by clinical evidence and motivated by clinical need	Motion management strategies when treating thoracic oligometastases with SBRT	Organ preservation with penile brachytherapy					
	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	
08:45-10:00	ESTRO-EORTC Novel methodologies for clinical research in radiation oncology: Time to think outside of the box?	Radiation biology of targeted radionuclide therapy	Management of older patients with locally advanced head and neck cancer: Challenges for clinical practice	The best management for T2N1M0 cervix cancer is"	Quantitative MRI biomarkers for radiotherapy response assessment: Towards multicentre clinical trials	Technical innovations in breast cancer: Optimising workflow	Reirradiation: Roles of radiation therapists in advancing patient care	Brachytherapy as boost for prostate cancer in the modern era of radiation therapy	09:00-10:00 Validation and application of autosegmentation	09:00-10:00 Haematology & Palliation	09:00-10:00 Quality assurance	09:00-10:00 Precision and patient-centric advances in radiotherapy practice	
10:00-10:30	COFFEE BREAK												
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	CONTOURING WORKSHOP
10:30-11:30	Transformative combined modality treatment strategies	Innovation in improving tumour radiation response	Head & neck 1	Gynaecological 1	Find the connection to transformative impact	The heart in the right spot	The RTT revolution: Driving excellence through education	Breast & Prostate brachytherapy	Upper GI 2	Improving accuracy of particle therapy	Track the tumour, reduce the motion, shrink the margin	Sarcoma / Skin cancer / Malignant melanoma & Haematology	10:30-12:30 Pancreas SBRT
			HIGHLIGHTS Of Proffered Papers				MULTIDISCIPLINARY Tumour Board						
11:40-12:45			Joint Green Journal - The Lancet Oncology: Top clinical trials				11:40-12:40 Second breast-conserving surgery: What should I do? Vademecum for a perfect multidisciplinary meeting						
12:45-14:15	LUNCH AND SATELLITE SYMPOSIA				PHYSICS ASSEMBLY & NETWORKING								
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14:15-14:40			C REGAUD AWARD										CONTOURIN WORKSHO
14:40-15:05			IRIDIUM 192 AWARD										14:30-16:30
	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	DEBATE	DEBATE	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	Lung SBR
15:15-16:30	ESTRO-EADO Behind local control: Modern integrated opportunities in the management of nonmelanoma skin cancer	Therapy-shaping of the tumour microenvironment: How does the tumour-host immune cells interactions affect radiotherapy outcome?	Breast cancer in young patients	ESGO-ESTRO-ESP Endometrial cancer guidelines update	New horizons with Al technologies for MRI-guided radiotherapy	This house believes that properly commissioned delivery techniques render routine measurement PSQA obsolete	This house believies the need for robust positioning and immobilisation in radiotherapy practice is over!	Brachytherapy for cancer re-irradiation: The best tool in the shed?	15:15-16:15 Genito-urinary 2	15:15-16:15 Improvements in imaging	15:15-16:15 Lower GI 3	15:15-16:15 Non-conventional beams	
16:30-17:00	COFFEE BREAK				1							1	
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS	
17:00-18:00	Transformative palliation using high-tech radiotherapy	Transformative radiotherapy by modulation of immune system and microenvironment	Late-breaking clinical trials	Sarcoma / Haematology / Paediatrics	MRLinac-based online adaptive radiotherapy	Target volume in focus	From bottleneck to breakthrough: Optimising radiotherapy workflows	Physics brachytherapy	Gynaecological 2	Next-generation radiotherapy: Advancing technology and precision in radiotherapy practice	Breast 3	Upper GI 3	

MOND	AY 5 MAY											
	Mahler	Brahms	Plenary Hall	Straus 1-2	Schubert	Lehar 1-3	Haydn	Strauss 3	Stolz 1	Business 1-2	Stolz 2	Business 3-4
	TEACHING LECTURE	PITCH SESSION	TEACHING LECTURE	TEACHING LECTURE	MEET-THE-EXPERTS	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE				
08:00-08:40	Radiation radiobiology unleashed: Cross-disciplinary modelling breakthroughs	Direct-to-treatment: The future of simulation-free radiotherapy	Biochemical recurrence after prostate cancer primary local treatment: State-of-the-art and unmet clinical needs	Controversial role of radiotherapy for small-cell lung cancer in the evolving IO landscape	Implementation of the ESTRO "AI" guideline	New developments in image guidance	Implementing deep learning segmentation for OARs	How to (critically) read a paper?				
	JOINT PITCH SESSION	SYMPOSIUM	JOINT DEBATE	JOINT SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	PITCH SESSION	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER Discussions	POSTER Discussions
08:45-10:00	ESTRO-RANZCR Single fraction SBRT: Redefining surgery in radiotherapy	The new frontier-risk management in an increasingly automated online radiotherapy world	ESTRO-APCCC This house believes local treatment intensification is a reasonable option to avoid systemic overtreatment in highrisk prostate cancer patients	ESTRO-IASLC Radiotherapy in EGFR-driven or ALK-driven NSCLC: Essential or redundant?	Al in radiotherapy: How can we be more certain about uncertainty?	ESTRO-EFOMP The rise of photon-counting CT: Challenges and opportunities	Join my project! A pitch session for radiation therapist-led research	From self-doubt to self- confidence: Confronting imposter syndrome	09:00-10:00 Head & neck 3	09:00-10:00 Strategies to overcome radioresistance	09:00-10:00 CNS 2	09:00-10:00 Breaking boundaries in radiotherapy: Innovative techniques and sustainability
10:00-10:30	COFFEE BREAK											Sustamability
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	SYMPOSIUM	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS
10:30-11:30	Transforming cancer care by QoL preserving radiotherapy	First-in-human transformative radiotherapy	Top clinical trials	Lung 1	QA the Al	Imaging and image registration	The Al and automation era: Smarter, faster, better	What is the return on investment when funding the young generation?	Next-generation radiotherapy: Reirradiation & FLASH	CNS 1	Head & neck 4	Brachytherapy 2
			HIGHLIGHTS Of Proffered Papers				MULTIDISCIPLINARY TUMOUR BOARD			1	1	
11:40-12:40			Best Papers & Donal Hollywood award				Local and total skin radiotherapy in cutaneous lymphomas: As low as reasonably achievable radiation doses					
			1	1				SYMPOSIUM 13:10-				
12:45-14:15	LUNCH AND SATELLITE SYMPOSIA							14:10 Per aspera ad astra!				
14:15-14:40			K BREUR AWARD									
14:40-15:05			INTERDISCIPLINARY AWARD									
	DEBATE	SYMPOSIUM	DEBATE	JOINT SYMPOSIUM	PITCH SESSION	DEBATE	SYMPOSIUM	YOUNG NETWORKING SESSION	MINI-ORALS	MINI-ORALS	POSTER Discussions	POSTER Discussions
15:15-16:30	This house believes that CBCT- based fast adaptation workflows will supersede broad MR-Linac usage	Addressing the global radiotherapy workforce grand challenge	This house believes that shifting away from elective nodal irradiation in head and neck cancer is the promised land	ESTRO-ESR Artificial intelligence integration for prognostication and treatment planning in cancer	Future of proton therapy: Which innovation will have the biggest impact?	This house believes that dose accumulation will never provide a clinical benefit	The lost tribe: Meeting the needs of adolescent and young adult radiotherapy patients	Speed Dating	15:15-16:15 Lung 2	15:15-16:15 Brachytherapy 1	15:15-16:15 Urology / Head & neck	15:15-16:15 Radiobiology
16:30-17:00	COFFEE BREAK											
	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	YOUNG NETWORKING SESSION	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS
17:00-18:00	Lower GI 1	Transformative radiotherapy by biomarker-driven treatment adaptation	Late-breaking clinical trials	Genito-urinary 1	Non-conventional beam modalities	New approaches in treatment planning	Pioneering dosimetry and treatment optimisation	16:45-17:30 Quiz & Young Researcher awards	Breast 2	Toxicity and outcome prediction	How to strategically advance radiation oncology in the future	Gynaecological 3
18:15-19:15	GENERAL ASSEMBLY											

INTERDISCIPLINARY SESSION

RADIOBIOLOGY SESSION

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BRACHYTHERAPY SESSION

YESTRO SESSION

// ADD-ON COURSE, SEPARATE REGISTRATION NEEDED

	Mahler	Brahms	Straus 1-2	Schubert	Lehar	Haydn	Strauss 3
	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	PITCH SESSION	TEACHING LECTURE	PANEL DISCUSSION
08:30-09:10	Transforming radiotherapy by spatially- fractionated radiotherapy	Al in radiation oncology education	Neoadjuvant therapy and non-operative management for oesophago-gastric cancer: Where do we stand?	Explainability and interpretability in Al	Back to the future: Electron treatments today and tomorrow	Veterinary radiotherapy: The why, when, and how?	Are we ready for hypofractionation in soft tiss sarcomas?
	PANEL DISCUSSION	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	PANEL DISCUSSION	SYMPOSIUM
09:15-10:30	Innovation in healthcare: Who pays?	Climate change and cancer: How are they connected?	ESTRO-ASTRO Kidney cancer and stereotactic body radiotherapy: Potential areas of implementation and improvement	Novel approaches to AI in radiation oncology	ESTRO-AAPM Re-irradiation revolution: Maximising technical advances in imaging, biology and dose evaluation	RTT scope of practice: Current landscape and career opportunities	Evidence-based palliative radiotherapy: Accommodating patient-needs
10:30-11:00	COFFEE BREAK						
	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT PITCH SESSION	JOINT SYMPOSIUM
11:00-12:15	Crossing the 2nd translational gap in radiation oncology: How do we ensure innovation gets to patients and delivers the best possible outcomes	Best practices in patient involvement: A win-win for cancer societies and patients	Bladder cancer: Status quo and areas of improvement	Is it time to move from fixed volume-based to probabilistic map-based treatment planning?	Stacking it high: Treatment planning in the presence of existing dose for ART, brachytherapy, boosting, and reirradiation	ESTRO-IAEA RTT workforce recruitment and retention strategies	ESTRO-EANM-CIRSE Transforming radiotherapy by radioligand therapy and interventional radiology
			CLOSING SESSION				
12:25-13:30			The European Radiation Oncology Moonshot Cancer Programme				

RTT SESSION

BRACHYTHERAPY SESSION

YESTRO SESSION



CLINICAL SESSION

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PHYSICS SESSION

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