

**PROGRAMME
OVERVIEW**

ESTRO 2023

From Innovation to Action

**ANNUAL
ESTRO
CONGRESS**

12-16 May 2023

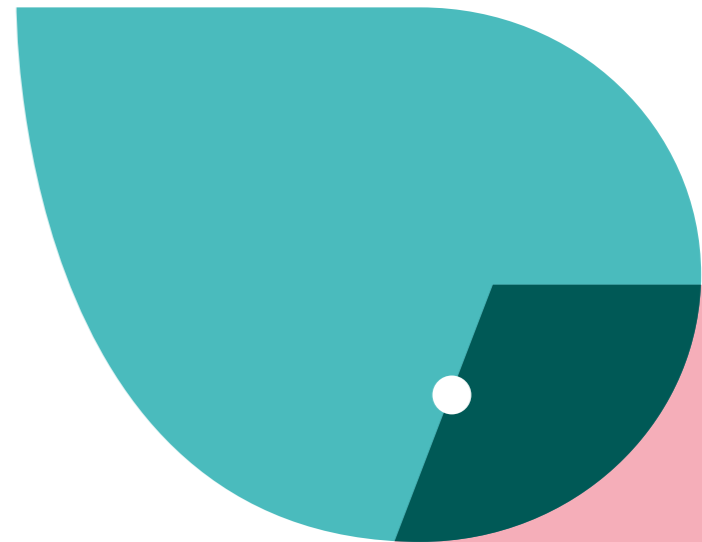
Vienna, Austria

    **#ESTRO23**

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FRIDAY 12 MAY

	Schubert	Lehar 4	Lehar 1-3	Strauss 1	Strauss 2	Strauss 3	Lehar 5
08:30-17:00	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	
	SBRT/SRS: a one-day bootcamp COURSE DIRECTORS: CL: Max Dahele, PH: Patty Diez, RB: Navita Somaiah, RTT: Lisa Wiersema	Making the most of radiation therapy combination strategies COURSE DIRECTORS: Laure Marignol, Ludwvg Dubois	Palliative care: Patient's and physician's journey in the era of new treatments and radiation techniques COURSE DIRECTORS: Orit Kaidar-Person, Joanna Kazmierska, Morten Hoyer	Practical implementation of complex systems and processes into the clinic COURSE DIRECTORS: Catharine Clark, Tom Depuydt, David Sjöström	Creating a thriving interdisciplinary team in radiation oncology, ready for the future COURSE DIRECTORS: Sophie Perryck, Piefrancesco Franco	The evolving role of brachytherapy for cancers of the GI tract COURSE DIRECTORS: Alexandra Stewart, Evert van Limbergen	
17:10-18:00	OPENING CEREMONY						CONTOURING WORKSHOP
							15:30-17:30 Pancreatic cancer SBRT
18:00	WELCOME IN EXHIBITION AREA FOLLOWED BY NETWORKING EVENING						



● INTERDISCIPLINARY SESSION

● RADIOBIOLOGY SESSION

● CLINICAL SESSION

● PHYSICS SESSION

● RTT SESSION

● BRACHYTHERAPY SESSION

● YESTRO SESSION

SATURDAY 13 MAY

	Schubert	Lehar 4	Plenary Hall	Hall A	Lehar 1-3	Strauss 1	Strauss 2	Strauss 3	Stolz 1	Stolz 2	Business Suite 1-2	Business Suite 3-4	Lehar 5	
08:00-08:40	TEACHING LECTURE Health services research for trialists	TEACHING LECTURE Radiation-induced tumour cell migration - Why does it matter and what can we do about it?	TEACHING LECTURE Role of PET/CT for treatment planning optimisation in salvage prostate radiotherapy	TEACHING LECTURE Total neoadjuvant therapy in rectal cancer: When, why, how	TEACHING LECTURE What's new in deep-learning?	TEACHING LECTURE Survey results and systematic review of the dosimetry information in papers on SBRT clinical trials	TEACHING LECTURE Patient comfort during radiotherapy	TEACHING LECTURE The role of brachytherapy in the treatment of primary and recurrent vulvar cancer						
	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	DEBATE	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	DEBATE	MINI-ORALS	MINI-ORALS	POSTER DISCUSSIONS	POSTER DISCUSSIONS		
08:45-10:00	ESTRO-ASTRO Personalised radiotherapy in 2023 - What can we implement now?	Lipids and metabolomics in radiation response - An emerging paradigm in radioresistant cancers?	Targeting acute and late toxicity in head & neck radiotherapy	This house believes that non-metastatic pancreatic cancers should be treated with SBRT	Full speed towards automatic radiotherapy - How to commission and implement these new tools	ESTRO-EFOMP International/European initiatives in medical physics	Immobilisation and verification	This house believes that centralisation will have a positive influence on the administration of brachytherapy procedures	09:00-10:00 Gynaecology	09:00-10:00 TCP/NTCP modelling and prediction	09:00-10:00 Palliative radiotherapy & SBRT	09:00-10:00 Health services research; Education and training		
10:00-10:30	COFFEE BREAK													
10:30-11:30	PROFFERED PAPERS Biomarkers and prediction models	PROFFERED PAPERS Microenvironment	PROFFERED PAPERS Upper GI	PROFFERED PAPERS Head & neck	PROFFERED PAPERS Autosegmentation & automation for QA	PROFFERED PAPERS QA and auditing	PROFFERED PAPERS Tumour-specific innovations	PROFFERED PAPERS Gynaecology	MINI-ORALS Breast	MINI-ORALS Trends in dosimetry planning	POSTER DISCUSSIONS Lung 1	POSTER DISCUSSIONS Radiomics and modelling	CONTOURING WORKSHOP 10:30-12:30 Sarcoma	
				PRESIDENTIAL SYMPOSIUM From innovation to action: The 2 nd translational gap										
12:45-14:15	LUNCH AND SATELLITE SYMPOSIA							GEC-ESTRO ASSEMBLY 13:00-14:00						
14:15-14:40			E. VAN DER SCHUEREN AWARD											CONTOURING WORKSHOP
14:40-15:05			JENS OVERGAARD LEGACY AWARD											14:30-16:30 Spinal tumours SBRT
15:15-16:30	SYMPOSIUM Dose escalation	SYMPOSIUM Radiotherapy-immunotherapy combinations - How does the tumour microenvironment keep tumours cold?	JOINT SYMPOSIUM ESTRO-CARO Next generation radiation oncology - How to best obtain evidence for emerging technologies	SYMPOSIUM Controversies in postoperative radiotherapy of oral cavity cancer	PITCH SESSION Will automation of radiotherapy tasks solve more problems than it causes?	SYMPOSIUM Clinical audits in radiation oncology: Current status and guidance for its implementation	SYMPOSIUM Preparing for, and handling of, automated brachytherapy treatment planning in clinical practice	SYMPOSIUM Patient preparation and positioning	MINI-ORALS Prostate	MINI-ORALS Image processing and treatment evaluation	POSTER DISCUSSIONS Breast	POSTER DISCUSSIONS Current challenges in proton therapy		
	COFFEE BREAK													
16:45-17:45	PROFFERED PAPERS Education and training/ Professional development	PROFFERED PAPERS Immuno-radiobiology	PROFFERED PAPERS Palliation - Oligometastases	PROFFERED PAPERS Lower GI	PROFFERED PAPERS	PROFFERED PAPERS MR-Linac	PROFFERED PAPERS Physics	MULTIDISCIPLINARY TUMOUR BOARD Locally advanced prostate cancer	MINI-ORALS Gynaecology, urology & physics	MINI-ORALS Audits and multi-centre studies	POSTER DISCUSSIONS Technical improvements in radiotherapy practice	POSTER DISCUSSIONS Automation and machine learning		

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● CLINICAL SESSION

● PHYSICS SESSION

● RTT SESSION

● BRACHYTHERAPY SESSION

● YESTRO SESSION

SUNDAY 14 MAY

	Schubert	Lehar 4	Plenary Hall	Hall A	Lehar 1-3	Strauss 1	Strauss 2	Strauss 3	Stolz 1	Stolz 2	Business Suite 1-2	Business Suite 3-4	Lehar 5
08:00-08:40	TEACHING LECTURE Bridging the gap between bulky tumours and radiotherapy: Spatially-fractionated radiotherapy	TEACHING LECTURE Radiation-induced cell death: A focus on ferroptosis	TEACHING LECTURE Challenging scenarios with oligometastatic SABRs - Where do we go now?	TEACHING LECTURE Outcome measures for trials in radiation oncology	TEACHING LECTURE Effective expression of uncertainties - The hows, whys and don'ts	TEACHING LECTURE A leap into clinical practice: Accurate treatment planning in presence of metallic implants	TEACHING LECTURE The role of functional imaging in brachytherapy	TEACHING LECTURE Global advancements in radiation therapist advanced practice					
	JOINT SYMPOSIUM ESTRO-EORTC Next generation clinical trial design: A multidisciplinary effort	SYMPOSIUM Senescence in cancer and stromal cells: Opportunities to improve radiotherapy response	SYMPOSIUM How to optimise radiotherapy and immunotherapy combination	JOINT SYMPOSIUM ESTRO-EANO Changing the landscape for multidisciplinary treatment of brain metastases	JOINT SYMPOSIUM ESTRO-AAPM Big data, big headache	JOINT SYMPOSIUM ESTRO-ESR Quantification of functional MRI parameters: New opportunities in radiotherapy?	SYMPOSIUM Risk-adapted personalised brachytherapy	PANEL DISCUSSION Evolutions in radiation therapist professional development	MINI-ORALS 09:00-10:00 Paediatrics - AYA	MINI-ORALS 09:00-10:00 Modifications in IGRT	POSTER DISCUSSIONS 09:00-10:00 Head & neck	POSTER DISCUSSIONS 09:00-10:00 Clinical Brachytherapy	
10:00-10:30	COFFEE BREAK												
10:30-11:30	PROFFERED PAPERS Translational outputs from clinical trials	PROFFERED PAPERS Tumour radiobiology	PROFFERED PAPERS Genito-urinary	PROFFERED PAPERS Haematology - CNS	PROFFERED PAPERS Toxicity modelling	PROFFERED PAPERS CT reconstruction and synthetic CTs	PROFFERED PAPERS Breast, GI and paediatrics	PROFFERED PAPERS Advancements in RTT practice	MINI-ORALS Lung	MINI-ORALS Advanced treatment planning with photons and particles	POSTER DISCUSSIONS Patient management strategies	POSTER DISCUSSIONS Physics brachytherapy	CONTOURING WORKSHOP 10:30-12:30 Special RTT workshop
			HIGHLIGHTS OF PROFFERED PAPERS Best papers					MULTIDISCIPLINARY TUMOUR BOARD Oropharyngeal cancer					
12:40-14:15	LUNCH AND SATELLITE SYMPOSIA				PHYSICS ASSEMBLY & NETWORKING 13:00-14:00								
14:15-14:40			C REGAUD AWARD										CONTOURING WORKSHOP
14:40-15:05			IRIDIUM 192 AWARD										14:30-16:30 Primary vaginal cancer
15:15-16:30	JOINT SYMPOSIUM ESTRO-ESC New cardio-oncology guidelines: Current state of knowledge and future directions	SYMPOSIUM Markers of radiosensitivity	JOINT SYMPOSIUM ESTRO-IASLC New treatment strategies for stage III NSCLC and innovative biomarkers for patient's selection and monitoring	SYMPOSIUM Do radiotherapy techniques impact the concept and size of planning target volumes margins?	DEBATE This house believes that C-arm linac is no longer the work-horse of radiotherapy	SYMPOSIUM AI for (online?) IGRT	SYMPOSIUM Supportive care and toxicity assessment in brachytherapy	SYMPOSIUM The role of radiation therapists in translating science to clinical practice	MINI-ORALS CNS	MINI-ORALS Patient and public perspective	POSTER DISCUSSIONS Urology	POSTER DISCUSSIONS QA and auditing	
16:30-16:45	COFFEE BREAK												
16:45-17:45	PROFFERED PAPERS Patient perspectives	PROFFERED PAPERS Normal tissue radiobiology	PROFFERED PAPERS Lung	PROFFERED PAPERS Gynaecology	PROFFERED PAPERS Photon treatment planning	PROFFERED PAPERS Dose accumulation and dose prediction	PROFFERED PAPERS Urology	PROFFERED PAPERS Head and neck & physics	MINI-ORALS Detectors & dose management	MINI-ORALS Radiotherapy and the heart	POSTER DISCUSSIONS CNS	POSTER DISCUSSIONS Imaging	

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MONDAY 15 MAY

	Schubert	Lehar 4	Plenary Hall	Hall A	Lehar 1-3	Strauss 1	Strauss 2	Strauss 3	Stolz 1	Stolz 2	Business Suite 1-2	Business Suite 3-4
08:00-08:40	TEACHING LECTURE FAIR data management in radiation biology and radiation oncology research		TEACHING LECTURE Integration of radiotherapy into new therapeutic algorithms for lymphomas	TEACHING LECTURE Modern radiotherapy techniques in skin cancer	TEACHING LECTURE Justification and dose optimisation in IGRT practices	TEACHING LECTURE Voxel-based modelling for NTCP predictions: State-of-the-art methodology and beyond	TEACHING LECTURE Future-proofing radiotherapy access: The fine balance between preferences and sustainability	TEACHING LECTURE Combining immunotherapy with radiotherapy				
	SYMPOSIUM Adaptive radiotherapy: What do we know in 2023?		SYMPOSIUM Balancing the safety profile of SBRT	DEBATE This house believes that internal mammary node irradiation of high-risk breast cancer should be the standard of care today	SYMPOSIUM Smaller and faster: Updates in dosimetry and detectors	SYMPOSIUM The physics of late effects	SYMPOSIUM Our resources are limited! An insight on optimising radiotherapy resources for the future	SYMPOSIUM Optimising IGRT and motion management strategies	MINI-ORALS 09:00-10:00 Head & neck	MINI-ORALS 09:00-10:00 Radiobiology	POSTER DISCUSSIONS 09:00-10:00 Education is the RTT superpower	POSTER DISCUSSIONS 09:00-10:00 Inter-intra fraction
10:00-10:30	COFFEE BREAK											
10:30-11:30	PROFFERED PAPERS Health Services Research		PROFFERED PAPERS Late-breaking Papers	PROFFERED PAPERS Breast	PROFFERED PAPERS Detectors and dose verification	PROFFERED PAPERS Novel applications of MR imaging	SPEED DATING	PROFFERED PAPERS Impact on daily treatment planning	MINI-ORALS Improving the patient experience	MINI-ORALS Automation	POSTER DISCUSSIONS Pelvic cancers	POSTER DISCUSSIONS Radiobiology
	11:40-12:40		HIGHLIGHTS OF PROFFERED PAPERS Latest clinical trials					MULTIDISCIPLINARY TUMOUR BOARD Advanced skin cancer				
12:40-14:15	LUNCH AND SATELLITE SYMPOSIA						SYMPOSIUM 13:00-14:00 Optimal health for all together - What do staff and patients need to achieve this?					
14:15-14:40			INTERDISCIPLINARY AWARD									
14:40-14:55			DONAL HOLLYWOOD AWARD									
15:00-16:15	SYMPOSIUM Re-irradiation - A curative treatment option: Indications and results		SYMPOSIUM Breast cancer radiotherapy: Frequently asked questions from ESTRO's multidisciplinary course	JOINT SYMPOSIUM ESTRO-JASTRO Biology-adjusted radiation therapy	SYMPOSIUM Biologically-guided radiotherapy - Where are we now more than 20 years since the introduction of biological target volumes?	SYMPOSIUM What can EBRT learn from brachytherapy and vice versa?	SYMPOSIUM The possibility to improve patient care is endless. (Some) initiatives to integrate into radiotherapy departments of the future	DEBATE This house believes that there is no role for the plan libraries approach in the era of real-time adaptive radiotherapy	MINI-ORALS 15:00-16:00 Biomarkers	MINI-ORALS 15:00-16:00 Adaptive radiotherapy	POSTER DISCUSSIONS 15:00-16:00 GI	POSTER DISCUSSIONS 15:00-16:00 New technologies for treatment planning and dose verification
	16:15-16:30	COFFEE BREAK										
16:30-17:30	PROFFERED PAPERS Challenges in global radiation oncology		PROFFERED PAPERS Reirradiation	PROFFERED PAPERS Prostate SBRT	PROFFERED PAPERS Motion management	PROFFERED PAPERS Flash and proton measurement	YOUNG NETWORKING SESSION Quiz & Young Researcher Awards	PROFFERED PAPERS Multidisciplinary advancement in stereotactic arrhythmia radiotherapy	MINI-ORALS Sarcoma - Haematology	MINI-ORALS Novel imaging strategies	POSTER DISCUSSIONS Lung 2	POSTER DISCUSSIONS Treatment planning: Photons
	17:45-18:45	GENERAL ASSEMBLY										

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TUESDAY 16 MAY

	Schubert	Lehar 4	Hall A	Lehar 1-3	Strauss 1	Strauss 2	Strauss 3
	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:30-09:10	Statistical methods and analysis for large datasets	Living with, and beyond, cancer	Secondary malignancies from radiation - Is the prophecy fulfilled?	Optimal treatment of bladder cancer in the elderly and frail populations	Status and recent developments in PET for adaptive radiotherapy	MRI-only radiotherapy: Principles, challenges and future prospects	Paediatric radiotherapy - What is state-of-the-art?
	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM
09:15-10:30	Back to the future - The automated radiation oncology workflow in 2030	Advances in communication technologies within radiotherapy	How to introduce innovations in risk stratification to clinical management of gynaecological cancers	Radiotherapy and oligometastatic prostate cancer - This house believes we are ready for a new treatment paradigm	Reducing the target volumes in external beam therapy	Proton arc therapy: Status and potential	Guidelines
10:30-11:00	COFFEE BREAK						
	DEBATE	SYMPOSIUM	JOINT SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM
11:00-12:15	This house believes that tumour-specific radiosensitisation is an unachievable radiobiological fantasy	Use of virtual reality in radiotherapy	ESTRO-ESGO-ESP Guidelines on cervical cancer	ESTRO-RANZCR Role of radiotherapy in renal cell carcinoma: From the primary to the metastatic setting	What's new in particle therapy?	Handling longitudinal imaging data	Shared decision-making in radiotherapy
	CLOSING DEBATE						
12:25-13:30	Closing Session My favourite innovation and what I'd like to do with it Closing remarks						

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