

ESTRO

2022

ANNUAL
ESTRO
CONGRESS

Learning from Every Patient

6-10 May 2022

ONSITE IN COPENHAGEN
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    #ESTRO2022

WWW.ESTRO.ORG

DEADLINES

Late-breaking abstract submission:
From 3 to 19 January 2022

Early registration:
8 February 2022

Late registration:
6 April 2022

Desk registration:
As of 7 April 2022

It is my privilege and great pleasure to invite you to ESTRO 2022 which will take place from 6 to 10 May in Copenhagen, Denmark.

The ambition of ESTRO to further reinforce radiation oncology as a core partner in multidisciplinary cancer care, and to guarantee accessible and high-value radiation therapy for all cancer patients who need it, is expressed in the society's vision statement for 2030: 'Radiation Oncology. Optimal Health for All, Together.'. After a difficult couple of years, this is more poignant than ever as, in 2022, we expect to again be able to freely get together and connect.

The conference theme is "Learning from every patient", from the individual to large cohorts, and will be incorporated throughout the programme. Additionally, two over-arching topics will be tackled in the six programme tracks. These are Squamous Cell Carcinomas - what makes them special - and Time - the importance of it in radiotherapy.

This year we will optimise the contributions from submitted abstracts. Sessions with highlights of proffered papers will take place in a plenary setting, offering maximum visibility to your work. Furthermore, we will give more visibility to quality abstracts by introducing mini-oral sessions. Taking place in dedicated theatres in the exhibition area, these sessions will offer you a platform to showcase your achievements. The interdisciplinary track will also have mini-oral sessions to highlight abstracts which are of interest to a broad range of disciplines. We will have a Young Scientists Track encompassing relevant lectures and other activities.

Networking with corporate partners is always invaluable. ESTRO 2022 will host Europe's largest industry exhibition in radiation oncology. It will offer you a unique opportunity to interact with industry leaders and to find out about the latest developments in technology, techniques and oncology products.

We look forward to welcoming you in Copenhagen.

With warm regards,



Ben Slotman
ESTRO 2022 Chair

SCIENTIFIC PROGRAMME COMMITTEE

Ben Slotman (NL) - Chair of the congress

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YESTRO

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PROGRAMME SPOTLIGHT

In addition to the congress theme of “Learning From Every Patient”, the two over-arching topics of “Squamous Cell Carcinomas” and “Time” will be showcased throughout the programme. The following sessions will expand on these topics.

LEARNING FROM EVERY PATIENT

- The Presidential symposium - Learning from every patient
- Education in 2022: Does the patient know better?
- Learning about the patients we do not see: A focus on inequities in radiotherapy access and provision

TIME

- MR-guided radiotherapy: How to acquire and interpret imaging data for online adaption
- Radiation-induced cardiac and vascular toxicity
- Management of radio-recurrent prostate cancer
- The radiobiological clock in 2022
- Adapting to changes on different time scales

SQUAMOUS CELL CARCINOMAS

- Toxicity vs tumour control: What makes a good plan?
- Anal cancer
- Changes in disease pattern after the pandemic
- HPV-related squamous cell carcinoma: Is it time for de-intensification?

OTHER TOPICS TO BE COVERED IN THE INTERDISCIPLINARY TRACK

- How can omics lead to personalised radiation oncology?
- Imaging biomarkers for personalised radiotherapy
- Adaptation and automation: The new frontier in radiotherapy
- Protons
- Automation in radiotherapy
- Lethal DNA double strand breaks production: Quality over quantity?
- The role of microbiota in radiotherapy efficacy
- Education in radiation oncology: Advances and opportunities
- Is integration with immunotherapy the new challenge for radiation oncologists?

SCIENTIFIC PROGRAMME

FRIDAY 6 MAY 2022

	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE	PRE-MEETING COURSE
08:30-17:00	Professional well-being and burn-out prevention	Innovative models to assess efficacy and toxicity treatment combinations with radiotherapy	Integration of radiotherapy into targeted or immunotherapy	Real-world implementation of adaptive radiotherapy in clinical practice	Time to adapt: Future roles of RTT	Skin/cutaneous squamous cell carcinoma
17:15-17:45	OPENING CEREMONY					
18:00	OPENING IN EXHIBITION AREA FOLLOWED BY NETWORKING EVENING					

SATURDAY 7 MAY 2022

	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:00-08:40	The role of microbiota in radiotherapy efficacy	The radiobiological clock in 2022	Stereotactic radiotherapy: Recent advances	Palliative radiotherapy: Established standards and emerging concepts	Improving radiotherapy outcomes for vaginal tumours using a joint target concept	Commissioning and quality assurance of commercial in vivo dosimetry systems	Monte Carlo dose calculation in modern day radiotherapy	Education in 2022: Does the patient know better?
08:45-10:00	DEBATE Education in radiation oncology: Advances and opportunities	DEBATE This house believes that FLASH radiotherapy is a more promising avenue for the future of radiation oncology than particle radiotherapy	SYMPOSIUM New developments in the treatment of oesophageal cancer	SYMPOSIUM All the hassle with hematopoietic systems	DEBATE Soft tissue sarcoma: Brachytherapy and/or EBRT or IORT: Current evidence	JOINT SYMPOSIUM "ESTRO-EFOMP CT innovations: DECT and beyond"	SYMPOSIUM Real-time dose calculation	SYMPOSIUM Learning about the patients we do not see: A focus on inequities in radiotherapy access and provision
10:00-10:30	COFFEE BREAK							
10:30-11:30	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
17:15-17:45			PRESIDENTIAL SYMPOSIUM Learning from every patient					
12:45-14:15	LUNCH AND INDUSTRY SYMPOSIA				GEC-ESTRO ASSEMBLY			
14:15-15:30	SYMPOSIUM Is integration with immunotherapy the new challenge for radiation oncologists?	SYMPOSIUM Emerging radiobiological modifiers	SYMPOSIUM Large-scale collection of PROs for clinical use during follow-up	SYMPOSIUM Lymphopenia	SYMPOSIUM Preserving brachytherapy skills for the future	JOINT SYMPOSIUM ESTRO-AAPM 50 shades of FLASH: From experimental beam lines to the clinic	SYMPOSIUM Automatic planning: Towards a sustainable future	SYMPOSIUM What's new in RTT advanced practice?
15:30-16:00	COFFEE BREAK							
16:00-16:25			E. VAN DER SCHUEREN AWARD					
16:25-16:50			JENS OVERGAARD LEGACY AWARD					
16:55-17:55	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MULTIDISCIPLINARY TUMOUR BOARD Brain	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
18:00-19:00								BEST PRESENTATIONS AWARD CEREMONY

SUNDAY 8 MAY 2022

	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:00-08:40	MR-guided radiotherapy: How to acquire and interpret imaging data for online adaption	Mitochondria in tumour and normal tissue radiobiology	Breast cancer-related lymphoedema	Fractionation and biology in bladder cancer	Artificial intelligence and brachytherapy: Current reality and perspectives	Robust treatment planning in particle therapy: Clinical implementation and potential pitfalls	Essentials for risk management of a radiation oncology department	Less is more: The increasing use of hypofractionation in routine clinical practice and its impact on patient care
08:45-10:00	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	PITCH SESSION	SYMPOSIUM
	Radiation-induced cardiac and vascular toxicity	Beyond the nucleus: The role of mitochondria in radiation response	Radiotherapy in head and neck advanced disease in surgery with reconstruction area	2020 - Losing ground for radiotherapy?	The use of imaging in prostate brachytherapy	Image guidance in particle therapy: Status and outlook	Every radiotherapy physicist should know about AI/ML... but how much?	Personalised radiotherapy: Improving standards of care with personalised treatments
10:00-10:30	COFFEE BREAK							
10:30-11:30	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
11:40-12:40			HIGHLIGHTS OF PROFFERED PAPERS	MULTIDISCIPLINARY TUMOUR BOARD				
				Oesophageal Cancer				
12:45-14:15	LUNCH AND INDUSTRY SYMPOSIA					PHYSICS ASSEMBLY		
	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	DEBATE	PROFFERED PAPERS	SYMPOSIUM
14:15-15:30	Management of radio-recurrent prostate cancer	The hypoxic tumour microenvironment	Oligometastatic disease (OMD)	ESTRO-IASLC Advances in radiotherapy for lung cancer	Ocular plaque brachytherapy	This house believes that in 10 years particle therapy will be in a better place than now!		RTTs and AI: Changing roles
15:30-16:00	COFFEE BREAK							
16:00-16:25			HONORARY PHYSICIST AWARD					
16:25-16:50			IRIDIUM AWARD					
			In memoriam of Professor Janusz Skowronek					
16:55-17:55	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS

MONDAY 9 MAY 2022

	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:00-08:40	Protons (tbc)	Leadership is an action not a position	Modern imaging in radiation oncology	Biomarkers guiding dose de-escalation in HNSCC	U-Net for dummies	MRI: From basic to state-of-the-art acquisition protocols	Immobilisation in the rapidly changing world of radiotherapy: Now and into the future
08:45-10:00	Automation in radiotherapy	The positive impact of good leadership	ESTRO-PROS This house believes that proton therapy is the standard of care for paediatric patients, adolescents and young adults requiring radiotherapy	New era of personalised radiotherapy in soft tissue sarcomas	Deep learning for target auto-segmentation	Online management of target motion	Online adaptive radiotherapy: The future is near!
10:00-10:30	COFFEE BREAK						
10:30-11:30	PROFFERED PAPERS	SPEED DATING	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
		Growing your network					
11:40-12:40			HIGHLIGHTS OF PROFFERED PAPERS		MULTIDISCIPLINARY TUMOUR BOARD		
					Paediatric oncology (non-brain)		
12:45-14:15	LUNCH AND INDUSTRY SYMPOSIA	YOUNG LUNCH SYMPOSIUM Increasing the impact of your research					
14:15-15:30	SYMPOSIUM Lethal DNA double strand breaks production: Quality over quantity?	SYMPOSIUM Mobility for radiation oncology professionals	JOINT SYMPOSIUM ESTRO-EANO Twists and turns of brain irradiation	DEBATE This house believes that an intensive follow up for high-risk breast cancer patients should be considered	SYMPOSIUM Challenging the traditional margins for microscopic diseases	SYMPOSIUM Adapting to changes on different time scales	DEBATE This house believes that brachytherapy is a dying art
15:30-16:00	COFFEE BREAK						
16:00-16:25			K. BREUR AWARD				
16:25-16:40			DONAL HOLLYWOOD AWARD				
16:45-17:45	PROFFERED PAPERS	YOUNG NETWORKING	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS
18:00-19:00				GENERAL ASSEMBLY			

TUESDAY 10 MAY 2022

	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE
08:30-09:10	Toxicity vs tumour control: What makes a good plan?'	How can omics lead to personalised radiation oncology?	Is endometrial cancer ready for treatment individualisation based on molecular risk factors?	Hypofractionation for the management of postoperative PCa	Deformable registration for dose accumulation: Current status and future challenges	Immunotherapy and radiotherapy: Basics for physicists	Calculating margins correctly: Abracadabra with numbers?
09:15-10:30	SYMPOSIUM Anal cancer	JOINT SYMPOSIUM ESTRO-ESR Imaging biomarkers for personalised radiotherapy	JOINT SYMPOSIUM ESTRO-ESGO Joint guidelines on the management of vaginal cancer	SYMPOSIUM Fractionation for external beam radiation therapy in early breast cancer: State-of-the-art	SYMPOSIUM Medical physicists should be directly involved in the design, execution and interpretation of clinical trials	SYMPOSIUM Modelling of complex systems and interactions	SYMPOSIUM Artificial Intelligence: Friend or foe of the RTT?
10:30-11:00	COFFEE BREAK						
11:00-12:15	SYMPOSIUM Changes in disease pattern after the pandemic	SYMPOSIUM Adaptation and automation: The new frontier in radiotherapy	SYMPOSIUM HPV-related squamous cell carcinoma: Is it time for de-intensification?	DEBATE This house believes that short-course radiotherapy is the ideal schedule as part of total neoadjuvant therapy programs for rectal cancer	SYMPOSIUM Spatial and spatio-temporal fractionation	SYMPOSIUM Modelling at the voxel level: Dose and image-data mining	SYMPOSIUM Changing the radiation medicine paradigm
12:20-13:25					CLOSING SESSION Which innovations will have the greatest impact in radiotherapy by 2030?		
					CLOSING REMARKS		

ESTRO AWARDS

EMMANUEL VAN DER SCHUEREN AWARD

The Emmanuel van der Schueren Award is given in honour of the founding father of ESTRO and in recognition of excellent scientific work, enormous contribution within ESTRO to the field of education and promotion of radiation oncology as a discipline. The ESTRO Board decides on the recipient of the award.

The recipient of this prestigious award delivers a lecture at the ESTRO Annual Meeting. The Emmanuel van der Schueren Award is published in the Abstract Book of the ESTRO Annual Meeting where it is presented.

JENS OVERGAARD LEGACY AWARD

The Jens Overgaard legacy award recognises his outstanding contribution to promoting scholarly science in radiation oncology during his 25-year tenure as Editor-in-Chief of Radiotherapy & Oncology.

The recipient of this award delivers a lecture at the ESTRO annual Meeting. The Jens Overgaard award is published in the Abstract Book of the ESTRO Annual Meeting where it is presented.

HONORARY PHYSICIST AWARD

This award is given at the ESTRO Annual Meeting. Previous recipients have been people who, although not physicists, have made an outstanding contribution to the cause of physics in ESTRO, by raising the profile of physicists in the radiation oncology community or to the development of the field of physics in clinical radiotherapy.

The recipient of this prestigious award delivers a lecture at the ESTRO Annual Meeting. The Honorary Physicist Award is published in the Abstract Book of the ESTRO Annual Meeting where it is presented.

GEC-ESTRO IRIIDIUM 192 AWARD

The "GEC-ESTRO Iridium Award" is presented to the brachytherapist or physicist who, in the opinion of the GEC-ESTRO Committee members, has made a major contribution to the development of the Brachytherapy speciality.

The recipient of this prestigious award delivers a lecture at the ESTRO Annual Meeting. The GEC-ESTRO Iridium Award is published in the Abstract Book of the ESTRO Annual Meeting where it is presented.

BREUR AWARD LECTURE

The Breur Award is named after Prof. Klaas Breur one of the founding fathers of ESTRO. If he had not died prematurely in 1981 he would probably have become ESTRO's first president. Professor Breur was the head of the Radiotherapy Department of the Wilhelmina Ziekenhuis van Amsterdam (Universiteit van Amsterdam) and participated in founding the EORTC. As a tribute to Professor Breur's pioneering work, ESTRO created this annual "Gold Medal" award lecture in his name. The Breur Award is the highest honour that can be conferred on an ESTRO member and is awarded in recognition of the major contribution made by the winner to European Radiotherapy.

The recipient of this prestigious award delivers a lecture at the ESTRO Annual Meeting. The Breur Award is published in the Abstract Book of the ESTRO Annual Meeting where it is presented.

LIFETIME ACHIEVEMENT AWARDS

The Lifetime Achievement Awards are awarded to an ESTRO member who is at the end of their active career and has contributed tremendously to ESTRO activities.

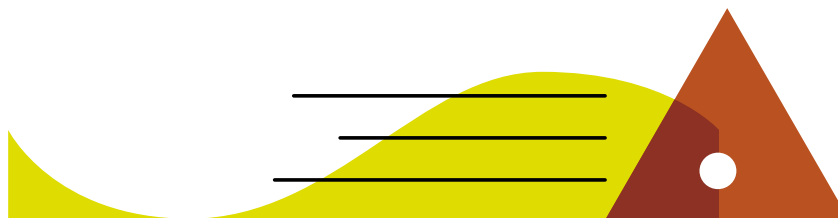
DONAL HOLLYWOOD AWARD

The Hollywood Award is given in the memory of ESTRO President-Elect Donal Hollywood, who passed away from cancer before taking on the duties of President. This annual award is given to the best abstract selected for presentation at an ESTRO congress. The Scientific Programme Committee decides on the recipient of the award from all the submitted/accepted abstracts. Selection criteria are based on clarity, supporting data, scientific rigour, potential significance, interest in the topic chosen and innovation or usefulness, as well as translational work and interdisciplinarity.

The recipient of this prestigious award delivers a lecture at the ESTRO congress where it is presented and the lecture is published in the abstract book of the said ESTRO congress.

HONORARY MEMBERS AWARDS

The Honorary Members Awards are awarded to outstanding scientific contributors in the field of oncology. The residence of the nominee is worldwide and not restricted to Europe.



MEMBERSHIP 2022

Join the community

The ESTRO membership gives you the tools to improve your daily practice, develop your career and contribute actively to the progress of radiotherapy, for the benefit of all cancer patients. Join our ESTRO community and share our Vision: *Radiation Oncology. Optimal Health For All, Together.*

As a member of ESTRO and according to your membership category, you will benefit from many advantages, amongst others:

- **Conferences and courses:** Access to webcasts, valuable discounts on registration fees
- **Education:** Access to ESTRO E-Library, ESTRO publications and guidelines
- **Journals:** Access to *Radiotherapy & Oncology (Green Journal)* and open access journals (*ctRO*, *phiRO*, *tipsRO*), discount on publication fees
- **News and networks:** Access to ESTRO newsletters, eligibility for ESTRO mentorship programme
- **Societies:** Voting rights, eligibility to be part of the Board of Directors, eligibility for grants and awards

ESTRO offers several levels of membership, individual and collective, with benefits tailored to the needs of each member and their level of involvement within the Society.

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ESTRO2022

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