

PROGRAMME OVERVIEW

3RD ESTRO FORUM

24 - 28 April 2015
Barcelona, Spain

ESTRO
European Society for
RADIOTHERAPY
& ONCOLOGY

FRIDAY 24 APRIL 2015

ROOM 114	ROOM 111	ROOM 115	ROOM 116	ROOM 113	ROOM 127/128	ROOM 131/132
GEC-ESTRO WORKSHOP	PHYSICS PRE-MEETING COURSE	CLINICAL PRE-MEETING COURSE	INTERDISCIPLINARY PRE-MEETING COURSE	RTT PRE-MEETING COURSE	NATIONAL SOCIETIES DAY	CONTOURING WORKSHOPS
08:30-17:00 Adaptive brachytherapy strategies	08:30-17:30 4D radiotherapy – from 4D-imaging to 4D-dose delivery and verification	08:30-17:00 Data management	08:30-17:40 Joint ESTRO-EIBIR-EANM Incorporating imaging in radiation oncology treatment delivery	08:20-17:00 Implementation of SBRT: a review of current practice	08:30-12:30 National Day Polish Society of Radiation Oncology *Session will be conducted in Polish 13:00-17:30 National Day Joint Meeting ALATRO, SEOR, SPRO *Session will be conducted in Spanish/ Portuguese	08:00-10:00 Oesophagus 10:30-12:30 Joint ESTRO – ILROG on Lymphoma 13:30-15:30 Prostate cancer in the post-prostatectomy setting 16:00-18:00 OAR - upper abdomen
18:00 – 19:15 Opening Ceremony > AUDITORIUM Keynote speaker: Prof. Dr. Turgut Durduran (ES) Topic: <i>The promise of diffuse optical methods for non-invasive diagnosis, therapy monitoring and prediction in oncology</i> Entertainment act						
19:15 Welcome reception > EXHIBITION AREA						

SATURDAY 25 APRIL 2015

	AUDITORIUM	ROOM 117	ROOM 112	ROOM 111	ROOM 113	ROOM 116	ROOM 114	ROOM 115	ROOM 118/119	ROOM 131/132
08:00 – 08:45	TEACHING LECTURE Palliative care: 5-yearly update of current consensus agreement on various topics	TEACHING LECTURE The integration of multimodal imaging in the radiation treatment process: pitfalls and challenges	TEACHING LECTURE Use of imaging to predict toxicity and tumour control	TEACHING LECTURE How to manage geometric uncertainties	TEACHING LECTURE Theory of margin calculation: How far can we reduce our margins?	TEACHING LECTURE Uncomplicated cures - a paradigm shift in cancer survivorship research	TEACHING LECTURE Breast brachytherapy, state of the art 2015			CONTOURING WORKSHOP Oesophagus
08:45 – 10:00	SYMPOSIUM Improving therapeutic outcome in palliative care: new technologies and multimodality approach	JOINT SYMPOSIUM WITH PROFFERED PAPERS ESTRO- ESR Metabolism and imaging, planning	SYMPOSIUM MR-only workflow in external-beam radiotherapy	SYMPOSIUM Proton Therapy I: future challenges	SYMPOSIUM Minimising treatment volumes	SYMPOSIUM Around organs / combination therapy: gut	SYMPOSIUM WITH PROFFERED PAPERS Immobilisation, localisation and verification during image guided brachytherapy	PROFFERED PAPERS Rectal, head and neck, bladder, breast	POSTER DISCUSSION 08:45-09:45 An anthology of clinical posters	
10:00 – 10:30	Coffee Break									
10:30 – 11:30	PROFFERED PAPERS From palliation to cure	JOINT SYMPOSIUM ESTRO- RANZCR Imaging and tumour biology: delivery	PROFFERED PAPERS Imaging for volume delineation and response assessment	PROFFERED PAPERS Dose planning: on automation and robustness	PROFFERED PAPERS Image guidance and adaptive radiotherapy	PROFFERED PAPERS Prediction of response using genetics	PROFFERED PAPERS Prostate HDR	PROFFERED PAPERS Physics -treatment planning	MULTI-DISCIPLINARY TUMOUR BOARD Upper GI	
11:40 – 12:20	Van der Schueren award lecture > AUDITORIUM <i>Access to evidence-based radiotherapy in Europe 2020 – are we on the right track? - C. Grau (DK)</i>									
12:20 – 13:00	Iridium award lecture > AUDITORIUM <i>25 years brachytherapy in Rotterdam - Awardee: P. Levendag (NL), Speaker: E. van't Hofst (BE)</i>									
13:00 – 14:45	Lunch, Poster Viewing / Satellite Symposia (Refer to pages 282-301 of the Programme Book and Exhibition Guide for more information) 13:30-14:30 Physics members Assembly > ROOM 122/123									
14:45 – 16:15	SYMPOSIUM Palliation towards the future, it is time for individualised treatment	SYMPOSIUM WITH PROFFERED PAPERS Adaptive radiation therapy	JOINT SYMPOSIUM ESTRO- EFOMP-AAPM How to invigorate medical physics research in a clinical environment	SYMPOSIUM Proton Therapy II: state of the art	SYMPOSIUM WITH PROFFERED PAPERS Advanced treatment planning techniques	SYMPOSIUM WITH PROFFERED PAPERS Around organs / combination therapy: heart	SYMPOSIUM WITH PROFFERED PAPERS Clinical outcome of image guided brachytherapy in cervical cancer	PROFFERED PAPERS Prostate LDR	POSTER DISCUSSION 14:45-15:30 Imaging	
16:15 – 16:45	Coffee Break									
16:45 – 18:00	SYMPOSIUM Patient individualisation vs. cancer individualisation	DEBATE This house believes that adaptive radiotherapy should become state of the art in head and neck cancer	PROFFERED PAPERS Small field dose measurement	PROFFERED PAPERS Protons and light ions, from nano to macro	PROFFERED PAPERS Modern treatment planning	SYMPOSIUM WITH PROFFERED PAPERS Biomarkers of normal tissue toxicity	PROFFERED PAPERS In vivo dosimetry	POSTER DISCUSSION 16:45-17:30 Brachytherapy: clinical and physics	PROFFERED PAPERS IAEA	
18:00 – 19:00	Poster reception and poster awards > POSTER AREA									

SUNDAY 26 APRIL 2015

	AUDITORIUM	ROOM 117	ROOM 112	ROOM 111	ROOM 113	ROOM 116	ROOM 114	ROOM 115	ROOM 118/119	ROOM 131/132
08:00 – 08:45	TEACHING LECTURE Lung SCLC-How can we improve survival further with radiotherapy?	TEACHING LECTURE On the need of population-based studies of arbitrary cancer management in the elderly	TEACHING LECTURE An overview of recent detectors	TEACHING LECTURE Secondary cancer after radiotherapy: measuring / estimating organ doses and models of prediction	TEACHING LECTURE Current overview of radiotherapy for breast cancer	TEACHING LECTURE Evaluating the toxicity of new targeted drugs in combination with radiotherapy	TEACHING LECTURE QA and commissioning of brachytherapy treatment planning systems	TEACHING LECTURE Review of (low dose) radiotherapy for benign disease		CONTOURING WORKSHOP Joint ESTRO – ILROG Lymphoma
08:45 – 10:00	SYMPOSIUM WITH PROFFERED PAPERS Lung – treatment intensification and individualisation I	SYMPOSIUM Elderly should be treated as their younger counterparts	SYMPOSIUM Nanodosimetry	SYMPOSIUM Integrating clinical and genetic factors in dose-volume models of side effects	SYMPOSIUM Current issues in breast radiotherapy	SYMPOSIUM Targeted therapy, stem cells, and normal tissue toxicity	SYMPOSIUM Role of brachytherapy and contact X-ray in the treatment of rectal cancer	SYMPOSIUM WITH PROFFERED PAPERS Focused and focal therapy via brachytherapy in prostate cancer	POSTER DISCUSSION 08:45-09:30 Intrafraction and interfraction management	
10:00 – 10:30	Coffee Break									
10:30 – 11:30	SYMPOSIUM WITH PROFFERED PAPERS Lung – treatment intensification and individualisation II	SYMPOSIUM Elderly: Health economics	PROFFERED PAPERS New technology and its technical implementation	PROFFERED PAPERS Predictive models of outcome	PROFFERED PAPERS Innovations in breast cancer treatment	PROFFERED PAPERS Novel treatments, models, and survivorship	PROFFERED PAPERS Physics dosimetry	PROFFERED PAPERS Gynaecology	MULTI-DISCIPLINARY TUMOUR BOARD Prostate	
11:40 – 12:10	Presidential symposium > AUDITORIUM <i>No bridge too far - P. Poortmans (NL)</i>									
12:10 – 12:30	Honorary physicist award lecture > AUDITORIUM <i>The radiation oncologist's view on medical physicists - V. Grégoire (BE)</i>									
12:30 – 12:40	Academic award lecture: Jack Fowler University of Wisconsin Award > AUDITORIUM <i>Time dependent verification techniques and dose-rate evaluation of external beam treatments - M. Podesta (NL)</i>									
12:40 – 13:00	Company award lectures > AUDITORIUM <i>Quantification of coronary artery motion: analysis from ECG gated radiotherapy planning scan - S. Bisht (IN)</i> <i>Considerable intra-breath-hold motion and inter-breath-hold position variation of pancreatic tumours - E. Lens (NL)</i>									
13:00 – 14:45	Lunch, Poster Viewing / Satellite Symposia (Refer to pages 282-301 of the Programme Book and Exhibition Guide for more information) 13:30-14:30 GEC-ESTRO Assembly > ROOM 122/123									
14:45 – 16:15	SYMPOSIUM WITH PROFFERED PAPERS Psycho-social aspects of radiation therapy: acute side effects	SYMPOSIUM Databases and data-mining: the issue of the quality of data	SYMPOSIUM Risk management: QA and safety I	JOINT SYMPOSIUM ESTRO- ESHO Hyperthermia and combination with radiotherapy	JOINT SYMPOSIUM ESTRO-JASTRO Particle therapy state of the art	JOINT SYMPOSIUM WITH PROFFERED PAPERS ESTRO-PROS Paediatrics: new techniques and impact on results	SYMPOSIUM WITH PROFFERED PAPERS SBRT: What is the evidence?			
16:15 – 16:45	Coffee Break									
16:45 – 18:00	SYMPOSIUM WITH PROFFERED PAPERS Psycho-social aspects of radiation therapy: late side effects and survivorship	DEBATE Should participation to databases be made mandatory?	SYMPOSIUM WITH PROFFERED PAPERS Risk management: QA and safety II	SYMPOSIUM WITH PROFFERED PAPERS Re-irradiation: challenges and clinical evidence	DEBATE Particle therapy: randomised trials are obligatory	JOINT SYMPOSIUM WITH PROFFERED PAPERS ESTRO-PROS Paediatrics: late effects	DEBATE SBRT / oligometastatic disease: oligometers then SABR is standard of care			

■ INTERDISCIPLINARY MEETING SESSION ■ PREVENT AND TARGET MEETING SESSION ■ CLINICAL MEETING SESSION ■ YOUNG SCIENTIST SESSION
■ GEC-ESTRO-ISIORT MEETING SESSION ■ BIENNIAL PHYSICS MEETING SESSION ■ RTT MEETING SESSION

MONDAY 27 APRIL 2015

	AUDITORIUM	ROOM 117	ROOM 116	ROOM 112	ROOM 111	ROOM 113	ROOM 114	ROOM 115	ROOM 118/119	ROOM 131/132
08:00 - 08:40	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE			CONTOURING WORKSHOP
	Regional nodes radiotherapy in early breast cancer	SBRT for primary lung tumours: What is optimal dose and fractionation?	What are the reasons why molecular drugs fail together with radiotherapy?	Improving detector response in small photon fields	Radiobiology on particle therapy	Introduction to proton therapy	Initiating and maintaining meaningful collaborations: a requirement for good sciences! – A guide for dummies			Prostate cancer in the post-prostatectomy setting
08:45 - 10:00	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	POSTER DISCUSSION	
	ESTRO - CARO Breast technical issues	Advanced technology assessment: quality management in an era of rapidly evolving radiotherapy technology	Biomarkers - using imaging to assess biology	Planning strategies for SBRT	ESTRO - EANM Combination of molecular radionuclide therapy and external beam radiotherapy	Proton therapy, from rationale to planning and delivery	Integrating health economics in research	Keynote lecture and invited presentations	08:45-09:30 Dosimetry	
10:00 - 10:30	Coffee Break									
10:30 - 11:30	PROFFERED PAPERS	SYMPOSIUM	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	MOVING POSTER SESSION	SYMPOSIUM WITH PROFFERED PAPERS	MULTI-DISCIPLINARY TUMOUR BOARD	
	Breast	Advanced technology assessment: economic evaluation of radiotherapy: different approaches converging to a same answer?	Genetic predictors of tumour response	Is ART an art? Looking at its needs and practicalities	Imaging: Focus on QA and technical aspects	Patient care and preparation	> POSTER AREA	10:30-12:20 IORT in breast cancer: Where do we stand? 12:20-13:00 Poster discussion IORT in breast cancer: Where do we stand?	Lung	
11:40 - 11:50	Donal Hollywood award > AUDITORIUM <i>Rescanning measurements in a 4D anthropomorphic phantom for evaluation of motion-mitigated, PBS proton therapy - R. Perrin (CH)</i>									
11:50 - 12:20	Highest scoring 3rd ESTRO Forum abstracts > AUDITORIUM									
12:20 - 13:00	Breur award lecture > AUDITORIUM <i>Radiation Oncology and technological innovation: a fish desperately looking for a bicycle? - D. Verellen (BE)</i>									
13:00 - 14:45	Lunch, Poster Viewing / Satellite Symposia (Refer to pages 282-301 of the Programme Book and Exhibition Guide for more information)						MOVING POSTER SESSION			
							13:15-14:15 Brown bag lunch: Meet the professors – Young ESTRO members > DESIGNATED AREA			
14:45 - 16:15	SYMPOSIUM WITH PROFFERED PAPERS	JOINT SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	POSTER DISCUSSION	
	HPV and cancer and radiotherapy (head and neck, cervix, vulva, anal)	ESTRO- ASTRO Novel treatment approaches for oligometastasis	Immunotherapy and radiotherapy	Risks of hypo-fractionation	Have we reached the technology edge in radiation therapy?	MRI throughout the treatment chain	Working smarter to create 'my dream career'	IORT in other tumours	14:45-15:30 Dose modeling and planning	
16:15 - 16:45	Coffee Break									
16:45 - 18:00	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	YOUNG RECEPTION	PROFFERED PAPERS	POSTER DISCUSSION	
	Future directions for HPV negative head and neck cancer	Global Taskforce for radiotherapy in Cancer Control (GTRCC)	Tumour metabolism and radioresistance	Evaluation and mitigation strategies for Intrafraction	Dose measurements challenges	Advanced image and volume definition	Report from the Young Task Force	16:45-17:25 Innovation in physics and technique of IORT 17:25-17:45 Poster discussion Innovation in physics and technique of IORT	16:45-17:30 RTT	
18:00	ESTRO General Assembly > ROOM 118/119									
21:30	Social event > TEATRE PRINCIPAL									

TUESDAY 28 APRIL 2015

	ROOM 117	ROOM 114	ROOM 116	ROOM 112	ROOM 111	ROOM 113	ROOM 131/132
08:30 - 09:10	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	CONTOURING WORKSHOP
	Organ sparing: a valid option in the treatment of bladder cancer	ESTRO: What's in it for me?	High throughput biological screens and their translation to new targets	Application of Monte Carlo methods in radiation treatment planning	Role, clinical application and validation of deformable image registration and dose mapping tools	From 'humble' beginnings to the vision of 2020 for RTTs	OAR - upper abdomen
09:15 - 10:30	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	
	Prostate: use of imaging for treatment planning	Future in radiation oncology: uncertainties and economics	New targets and evaluation in model systems and early trials	Revisiting low and medium energy beams. Focus on dose measurement, calculation and QA	Innovations in functional imaging for radiotherapy	How does the RTT world look in 2020? Different regions, different challenges	
10:30 - 11:00	Coffee Break						
11:00 - 12:00	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	PROFFERED PAPERS	PROFFERED PAPERS	SYMPOSIUM	DEBATE	
	Rectal cancer: optimal sequence of drugs and rays before and after surgery	Future in Radiation Oncology: the way to the right central position	Novel targeted agents	Quantifications of imaging for response prediction	Treatment planning improvements	Online position verification is mandatory for all tumour sites	
12:00 - 13:00	Panel discussion > ROOM 117 <i>Where will radiation oncology stand in 2020?</i>						
13:00	Conclusive remarks						

■ INTERDISCIPLINARY MEETING SESSION
■ GEC-ESTRO-ISIORT MEETING SESSION

■ PREVENT AND TARGET MEETING SESSION
■ BIENNIAL PHYSICS MEETING SESSION

■ CLINICAL MEETING SESSION
■ RTT MEETING SESSION

■ YOUNG SCIENTIST SESSION



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