

PROGRAMME OVERVIEW



29 April - 3 May 2016
Turin, Italy



FRIDAY 29 APRIL 2016

ROOM 4	LONDRA	ROOM 3	ROOM 2	ISTANBUL	VERDE
INTERDISCIPLINARY PRE-MEETING COURSE	RADIOBIOLOGY PRE-MEETING COURSE	CLINICAL PRE-MEETING COURSE	PHYSICS PRE-MEETING COURSE	RTT PRE-MEETING COURSE	CONTOURING WORKSHOPS
09:00-17:20 Planning and delivering high-dose lung radiotherapy in clinical practice	09:15-17:00 Clinical application of new combinations: how to test and optimise novel biological agents in combination with radiotherapy	08:30-17:30 Re-irradiation: Background, state-of-the-art and perspectives for clinical practice	09:00-17:00 Multidimensional dosimetry systems	08:30-17:45 Contouring of organs at risk: theory and practice	08:00-10:00 Spine SBRT 10:30-12:30 OAR for the upper abdomen 13:30-15:30 Anal canal 16:00-18:00 Prostate cancer in the post prostatectomy setting
18:00 - 19:15 > Opening Ceremony > AUDITORIUM Opening remarks Keynote lecture: <i>A dialogue between Egyptology and science: Archaeometry as a tool, research as an end</i> <i>Christian Greco (IT)</i> 19:15 > Welcome Networking > EXHIBITION AREA					

SATURDAY 30 APRIL 2016

	ROOM 2	LONDRA	AUDITORIUM	GIALLA	ROOM 4	ROOM 1	ROOM 500	ROOM 3	POSTER AREA	ISTANBUL	VERDE
08:00 - 08:40	TEACHING LECTURE Technology assessment	TEACHING LECTURE CRISPR/CAS technology: from cells to stem cell therapy	TEACHING LECTURE Partial Breast Irradiation: who, when and how?	TEACHING LECTURE New tools to reduce toxicity in pelvic radiation	TEACHING LECTURE Role of brachytherapy in the management of paediatric tumours	TEACHING LECTURE Challenges in MR guided radiotherapy	TEACHING LECTURE Patient specific quality assurance in proton therapy	TEACHING LECTURE Balancing toxicity and disease control in the evolution of radiotherapy technology			
08:45 - 10:00	SYMPOSIUM Selection of patients for proton therapy	SYMPOSIUM Mitigating normal tissue toxicity	SYMPOSIUM Regional nodal irradiation for breast cancer	SYMPOSIUM Assessment and management of rectal morbidity	SYMPOSIUM Towards user oriented QA procedures for treatment verification	SYMPOSIUM Robust and accurate functional MRI for radiotherapy	JOINT SYMPOSIUM ESTRO-IAEA efforts on dosimetry, QA and audit for advanced treatment techniques	SYMPOSIUM Strategies for treatment planning	POSTER VIEWING Miscellaneous		
10:00 - 10:45	Coffee Break										
10:45 - 11:45	SYMPOSIUM Protons or heavy ions?	PROFFERED PAPERS Radiation effects on normal tissues and the microenvironment	PROFFERED PAPERS Breast	PROFFERED PAPERS Adverse effects in radiotherapy	PROFFERED PAPERS Prostate	PROFFERED PAPERS Images and analyses	PROFFERED PAPERS Basic dosimetry	PROFFERED PAPERS Novelties in treatment planning	POSTER VIEWING Health economics, urology and brain		
12:00 - 12:35	Presidential Symposium > AUDITORIUM Patient centric approach: myth or fact? <i>P. Poortmans (NL)</i>										
12:35 - 13:15	Emmanuel van der Schueren award lecture > AUDITORIUM Did I do it right? What was the result? Process and outcomes in radiotherapy <i>A. Barrett (UK)</i>										
13:15 - 14:30	Lunch, Poster Viewing, Satellite Symposia 13:30-14:30 > GEC-ESTRO Assembly > MADRID										
14:30 - 15:45	SYMPOSIUM WITH PROFFERED PAPERS Hot topics in SABR: time for randomised clinical trials?	SYMPOSIUM Tumour targeting - considering normal tissue biology	DEBATE This house believes that progress in the treatment of locally advanced NSCLC will come from: - Radiation treatment intensification - Better systemic therapy	SYMPOSIUM Active surveillance for low risk prostate cancer: to treat or not to treat?	SYMPOSIUM Achieving excellence in image guided brachytherapy	SYMPOSIUM Imaging markers for response prediction and assessment	DEBATE There are many existing IGRT options for highly accurate dose delivery. Is there a need for large-scale in-room MR-guidance?	SYMPOSIUM Additional tools for contouring	POSTER VIEWING Gastrointestinal and gynaecology	MULTIDISCIPLINARY TUMOUR BOARD Breast	CONTOURING WORKSHOPS Spine SBRT
15:45 - 16:30	Coffee Break										
16:30 - 17:30	JOINT SYMPOSIUM ESTRO-ESR: MR-PET	PROFFERED PAPERS Interplay between cancer stem cells, hypoxia and the radiation response	PROFFERED PAPERS Lung	PROFFERED PAPERS Late breaking	PROFFERED PAPERS EYE-GI	PROFFERED PAPERS Anatomical CT and MR imaging for treatment preparation	PROFFERED PAPERS Inter-fraction motion management I	PROFFERED PAPERS Improving quality for breast cancer treatments	POSTER VIEWING Treatment planning: applications III		
17:45 - 18:30	Honorary Members > AUDITORIUM Evidence-based education: Radiation oncology's forgotten foundation? <i>S. Turner (AU)</i> The future of surgical oncology <i>R. Audisio (UK)</i> Imaging in lung cancer radiotherapy: beyond the "pictures" <i>L. Bonomo (IT)</i>										
18:30 - 19:30	Poster Awards > POSTER AREA										

SUNDAY 1 MAY 2016

	ROOM 2	LONDRA	AUDITORIUM	GIALLA	ROOM 4	ROOM 1	ROOM 500	ROOM 3	MADRID	POSTER AREA	ISTANBUL	VERDE
08:00 - 08:40	TEACHING LECTURE Trade off between standardisation and individualisation	TEACHING LECTURE DNA repair and response for beginners	TEACHING LECTURE Anal cancer: current guidelines and remaining questions	TEACHING LECTURE Radiotherapy and immunotherapy, biological basis and potential for future clinical trials	TEACHING LECTURE Underestimated importance of Intraluminal brachytherapy: bronchus, oesophageal, anorectal and hepatobiliary duct cancer	TEACHING LECTURE Big data in radiotherapy: technology, challenges and opportunities	TEACHING LECTURE The role of dosimetry audit in safety, quality and best practice for external beam and brachytherapy	TEACHING LECTURE General introduction to head and neck radiotherapy	TEACHING LECTURE e-Learning for professionals in radiation oncology: what, why and how?			
08:45 - 10:00	SYMPOSIUM WITH PROFFERED PAPERS Quality beyond accuracy: are we failing to see the forest for the trees?	SYMPOSIUM Targeting DNA repair / DDR pre-clinical evidence	SYMPOSIUM New approaches in rectal cancer	SYMPOSIUM Changing paradigm in the management of kidney cancer	SYMPOSIUM Modern techniques for old indications	SYMPOSIUM Quantitative imaging to individualise radiotherapy	PROFFERED PAPERS Intra-fraction motion management	SYMPOSIUM Head and neck: reduction of margins and side effects	SYMPOSIUM The future of Radiation Oncology publishing: views through the Green and Red telescopes	POSTER VIEWING Miscellaneous		
10:00 - 10:45	Coffee Break											
10:45 - 11:45	SYMPOSIUM QA in clinical trials: processes, impact and future perspectives	PROFFERED PAPERS Novel targeting approaches in combination with radiation	PROFFERED PAPERS Upper and lower GI	PROFFERED PAPERS Hadron therapy	PROFFERED PAPERS Detectors and dose verification	PROFFERED PAPERS Radiobiological modelling	PROFFERED PAPERS Treatment planning: optimisation algorithms	PROFFERED PAPERS Ensuring quality in Head and Neck treatment		POSTER VIEWING Lung, palliation, sarcoma, haematology		
12:00 - 12:15	Donal Hollywood Award > AUDITORIUM FLAME randomized trial: 95Gy MRI-boost vs 77Gy prostate radiotherapy: toxicity and quality of life <i>M. van Vulpen (NL)</i>											
12:15 - 13:00	Highlights of proffered papers > AUDITORIUM											

13:00 - 14:15	Lunch, Poster Viewing, Satellite Symposia									YOUNG LUNCH SYMPOSIUM		
										13:00 - 14:15 Planning ahead: how to finish your residency / PhD project with a job offer		
14:15 - 15:30	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM	DEBATE	DEBATE	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	POSTER VIEWING	MULTIDISCIPLINARY TUMOUR BOARD	CONTOURING WORKSHOPS
	Standardisation in clinical practice	DNA repair inhibition and radiotherapy: moving towards clinic	Radiotherapy of prostate cancer: technical challenges	This house believes that SBRT should become the standard of care for T1 and small T2 NSCLC tumours	Is brachytherapy the best for partial breast irradiation?	New challenges in modelling dose-volume effects	Automated treatment plan generation in the clinical routine	Elderly and radiation therapy	A joint session of young radiation oncologists national societies & YROG	Intra-fraction motion management II	Rectal cancer	OAR for the upper abdomen
15:30 - 16:15	Coffee Break											
16:15 - 17:15	SYMPOSIUM WITH PROFFERED PAPERS	DEBATE	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	YOUNG NETWORKING	POSTER VIEWING	
	Uncovering the gap between optimal and actual utilisation of radiotherapy in Europe	Maximising tumour control: crank up the volume or turn off the switches?	Urology	Adult and paediatric CNS malignancies	Gynae-Breast	Dose measurement and dose calculation I	ART for inter-fraction motion management	How to increase the knowledge for patients and staff	The ESTRO Physics Research Masterclass - support in starting up physics research	Inter-fraction motion management II		
16:15 - 17:15	ESTRO School Symposium > ISTANBUL											
17:30 - 17:40	Academic award: Jack Fowler University of Wisconsin Award > AUDITORIUM Moving away from binary definition of PTVs: a novel probabilistic approach to PTV definition - H. Tsang (UK)											
17:30 - 18:00	Company Award Lectures > AUDITORIUM Perfusion SPECT can quantify radiation-induced changes in the lung after IMRT for NSCLC - K. Farr (DK) A novel concept to tumor targeting: Inverse dose-painting or targeting the "Low uptake drug volume" - A. Yaromina (NL)											

MONDAY 2 MAY 2016

	ROOM 2	ROOM 4	LONDRA	AUDITORIUM	GIALLA	ROOM 1	ROOM 500	ROOM 3	POSTER AREA	ISTANBUL	VERDE	
08:00 - 08:40	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE				
	How to bring QUANTEC into the 21st century?	Shared decision making	The study of therapy resistance in genetically engineered mouse models for BRCA1-mutated breast cancer	SBRT/SABR for oligometastatic disease	Advanced treatment strategies for head and neck cancer	Dose to water vs. dose to tissue in advanced treatment planning: myths, realities and concerns	Nanosimetry: from radiation physics to radiation biology	Brachytherapy for the pelvic region: status and perspective for the future				
08:45 - 10:00	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	PROFFERED PAPERS	SYMPOSIUM	POSTER VIEWING			
	Adaptive radiotherapy for coping with anatomical variations: hope or hype?	Time is not on our side: cardiovascular toxicity after radiotherapy	Emerging biomarkers	SBRT for oligo metastatic disease	Head and neck: state-of-the-art and directions for future research	SBRT in lung - choices and their impact on related uncertainties	Functional imaging I	Adaptive treatments in the pelvic region	Radiobiology			
10:00 - 10:45	Coffee Break											
10:45 - 11:45	SYMPOSIUM	SYMPOSIUM	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	POSTER VIEWING			
	Modern ART based on functional / biological imaging	Secondary cancer after radiotherapy: from cancer registries to clinical implications	Molecular biomarkers for patient selection	SBRT and oligo-metastatic disease	Head and neck	Dose measurement and dose calculation II	Treatment planning: applications I	Optimising treatment planning and delivery in the pelvic region	Functional imaging II			
12:00 - 12:45	Selected randomised trials > AUDITORIUM											
12:45 - 13:15	Klaas Breur Award Lecture > AUDITORIUM Whither fractionation? P. Hoskin (UK)											
13:15 - 14:30	Lunch, Poster Viewing, Satellite Symposia 13:30-14:30 > Physics Assembly > MADRID 13:30-14:30 > RIT Meet & Greet > PARIGI											
14:30 - 16:00	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	DEBATE	JOINT SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	POSTER VIEWING	MULTIDISCIPLINARY TUMOUR BOARD	CONTOURING WORKSHOPS	
	ESTRO-ASTRO	Communication with patients	Imaging biology	This house believes that centralised large radiotherapy units will provide the best academia and the best treatment quality	ESTRO-ILROG	ESTRO-PTCOG	Small animal irradiation	Focus on the pelvic region	Breast, head and neck	Oligometastatic disease	Anal canal	
16:00 - 16:45	Coffee Break											
16:45 - 17:45	SYMPOSIUM	SYMPOSIUM	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	PROFFERED PAPERS	POSTER VIEWING			
	Dose painting: those pending issues	ACROP (Advisory Committee on Radiation Oncology Practice)	Imaging and molecular biomarkers in radiation oncology	Health Economics and patient reported outcomes	Rare tumours	New technology and QA	Treatment planning: applications II	Advanced radiation techniques in prostate cancer	Dose measurement and dose calculation III			
17:45 - 18:45	ESTRO General Assembly > ROOM 2											

TUESDAY 3 MAY 2016

	ROOM 2	ISTANBUL	LONDRA	GIALLA	ROOM 4	ROOM 1	ROOM 500	ROOM 3	VERDE	
08:30 - 09:10	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	TEACHING LECTURE	CONTOURING WORKSHOPS	
	The new 'Rs' in radiation biology	Texture analysis of medical images	Biology of high-energy proton and heavy ion particle therapy versus photon therapy: recent developments	Neuroendocrine tumors - personalised diagnosis and treatment using radiolabelled peptides	Radiotherapy for paediatric brain tumours	Role and validation of deformable image registration in clinical practice	VMAT QA: To do and not to do, those are the questions	Optimising workflow in a radiotherapy department - an introduction to lean thinking	Prostate cancer in the post prostatectomy setting	
09:15 - 10:30	SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	JOINT SYMPOSIUM	JOINT SYMPOSIUM	SYMPOSIUM		
	New concepts of tumour radioresistance	Towards Personalised Radiation Oncology (PRO)	The tumour in 3D: the role of tumour microenvironment	WBRT for brain metastases- the end of an era?	Radiotherapy "autovaccination" with systemic immune modulators for modern immunotherapy	ESTRO-AAPM-EFOMP: Functional/biological imaging and radiotherapy physicists: new requests/challenges and the need for better and more specific training	The future of QA lies in automation	Management and optimisation of the daily workflow		
10:30 - 11:00	Coffee Break									
11:00 - 12:00	SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM	SYMPOSIUM WITH PROFFERED PAPERS	DEBATE	DEBATE		
	Combining radiotherapy with molecular targeted agents: learning from successes and failures	Radiomics - the future of radiotherapy?	Radiobiology of proton / carbon / heavy ions	New insights in treating vertebral metastases	IMRT, the new standard in treatment of gynecological, lung and breast cancers?	Plan of the day (PotD): current status	We don't need better dose calculation, it's doing more bad than good	Are we precisely inaccurate in our adaption?		
12:00 - 13:00	Closing debate > ROOM 1 Moving away from 2 Gray: are we ready for a paradigm shift									
13:00	Closing remarks									



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