

# ESTRO

ESTRO  
CONFERENCE

## #38

### PROGRAMME OVERVIEW

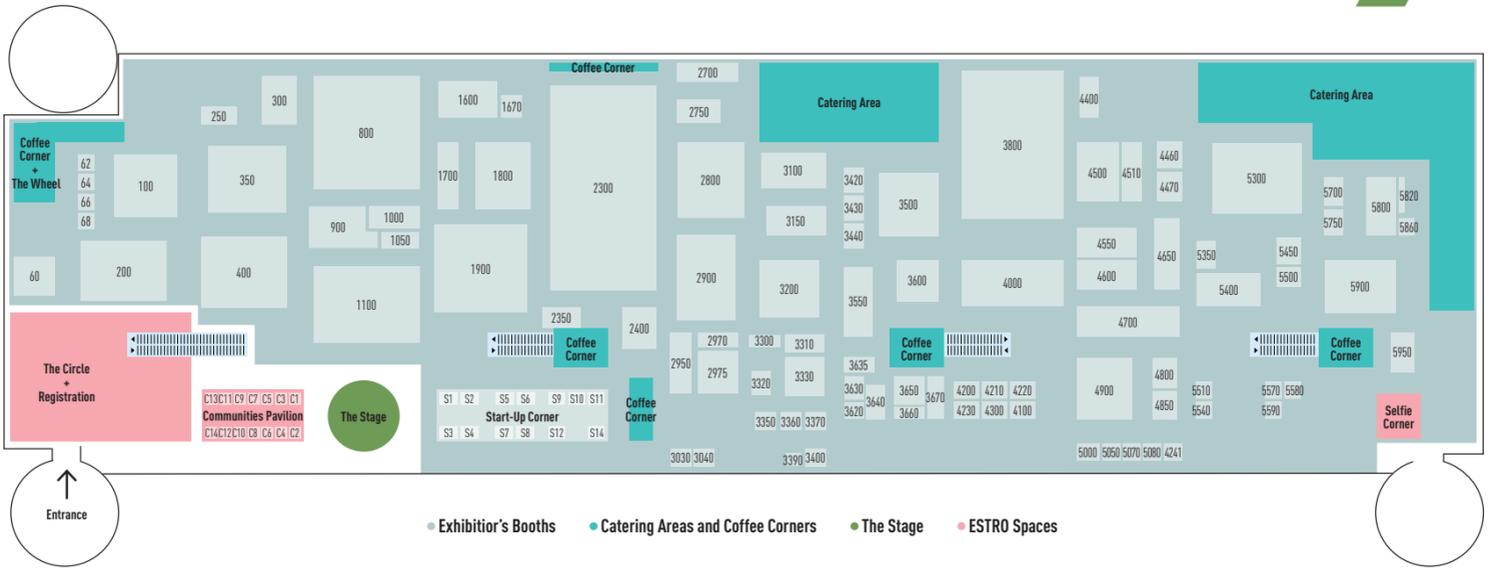
26-30 April 2019  
Milan, Italy

# Targeting optimal care, together

#ESTRO38  
www.estro.org

## EXHIBITION FLOORPLAN

# ESTRO 38



## Exhibitors

AZJ Healthcare	3320
Accuray	800
Adani	3300
AEP Liac	4220
American Society Of Clinical Oncology (ASCO)	3030
Anzai Medical Co., Ltd	4100
Aquilab	2400
Ariane Medical Systems	5000
Ashland	4300
Astrazenca	5800
Beekley Medical	3660
Behyaar Co.	5080
Best Medical International	100
Boston Scientific/Augmenix	3550
Brainlab	2800
Cablon Medical B.v.	5450
Canon Medical Systems Europe	4600
Carl Zeiss Meditec AG	2750
Cdr Systems Inc.	4800
Celsius42 GmbH	3040
Cemar Electro Inc	3640
Cirs	3350
Civco Radiotherapy	2900
C-Rad	4500
Dib Radiation Protection	5350
Dosisoft	3635
Dr. Sennewald Medizintechnik GmbH	1670
Eckert & Ziegler Bebig	3100
Elekta	3800
GE Healthcare	1600
Gold Anchor (Naslund Medical Ab)	3440
ELMA Research	5050
Epidos S.R.O	4241

Guangzhou Renfu Medical Equipment Co, Ltd	2970
Hitachi	1700
IBA	3500
IBA	3600
Intraop Medical	4650
IDP Publishing	5860
IRT Systems GmbH	5950
Interventional Systems GmbH	5540
Jiahui International Hospital	5070
Klarity Medical Products, LLC	4900
Lap GmbH Laser Applikationen	3200
Macromedics BV	5400
Med Com GmbH	3360
Merit Medical	4850
Mevion Medical Systems	5900
Micropos Medical	5500
Mim Software Inc	2350
Mirada Medical	1000
Modus Da	3310
Nelco	2950
Oncare GmbH	4510
Oncology Services International	4210
Oncology Systems Ltd	5750
Oncotherm Kft.	5570
Opasca GmbH	4550
Orfit Industries	5300
Par Scientific	62
Phantom Laboratory / Image Owl	66
Philips Radiation Oncology Solutions	4000
Prowess Inc	5700
PTW	4700
Ofix	1800
Qualiformed Sarl	3650
RAD Technology Medical Systems	1050

Radiological Imaging Technology, Inc	3630
Radon Medical Equipment Import Export Sales And Trading Ltd. Co	4460
Radiology Oncology Systems	4200
Raysearch Laboratories	1100
RS&A	68
Rt-Safe P.c.	4400
SAS DYN'R	3370
Scandidos Ab - Delta4 Family	3150
Shenzhen Tengfei Yu Technology Co., Ltd.	5580
Siemens Healthcare GmbH	1900
Sky Factory	64
Spectronic	3430
Standard Imaging Inc.	900
Star Medical Italy	5510
Sun Nuclear Corporation	60
Sun Nuclear Corporation	200
Suremark Company	5590
Techna Institute, University Health Network	4230
Tecnologie Avanzate Ta Srl	300
Tema Sinergie S.p.a. / Xcision Medical Systems	2975
UAB "VPC"	3620
Varian Medical Systems International Ag	2300
Varian Medical Systems International AG	2700
Vertual Ltd	250
Viewray Incorporated	350
Vision RT	400
Wisepress Ltd	5820
Xoft, A Subsidiary Of ICAD, Inc.	3670
X-Raydoors	4470
Xstrahl Ltd	3420

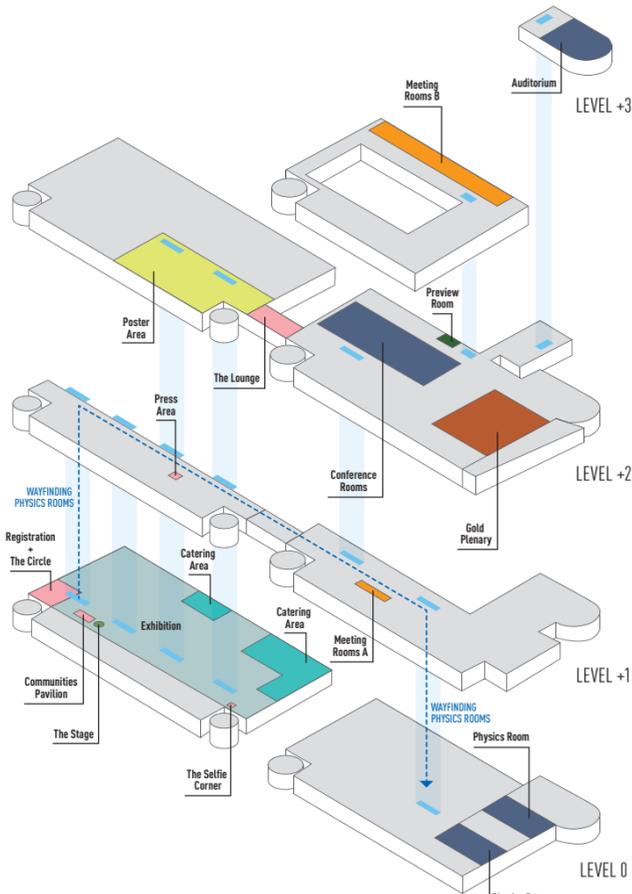
## Start-Up Corner

Alpha Tau Medical LTD	S6
Anatge	S11
Accubost	S12
Ehmetdx	S14
Healthcare Mobile Solutions	S9
I-See Computing Ltd.	S4
MD-Arge	S10
Medical Risk Management	S7
Nanovi A/S	S3
Novagray	S1
Phantomx	S8
Therapanacea	S2
Trueinvivo D.	S5

## Communities Pavilion

European Federation of Organisations for Medical Physicists (EFOMP)	C1
European Federation of Radiographer Societies (EFRS)	C2
European Organisation for Research and Treatment of Cancer (EORTC)	C3
European Society of Radiology (ESR)	C4
Institut Curie	C5
Istituto del Radio "O. Alberti"	C6
Leiden University Medical Center	C7
Manchester Cancer Research Centre	C8
North West Cancer Centre	C9
Proton Collaborative Group (PCG)	C10
Greater Poland Cancer Centre	C11
Particle Therapy Co-Operative group (PTCOG)	C12
University of Florence	C13
Turkish Society for Radiation Oncology	C14

● GOLD CORPORATE MEMBER  
● CORPORATE MEMBER



## FIND YOUR WAY

### LEVEL 0

- Catering Area
- Communities Pavilion
- Conference Rooms
- Exhibition
- The Circle
- The Stage

### LEVEL +1

- Meeting Rooms A
- Press Area

### LEVEL +2

- Conference Rooms
- Brown 1
- Brown 2
- Brown 3
- Ambra 1-2
- Ambra 3-4
- Ambra 5-6
- Ambra 7
- Ambra 8
- Space 1-2
- Space 3-4
- Gold Plenary
- Meeting Rooms B
- Poster Area
- Preview Room
- The Lounge

### LEVEL +3

- Auditorium

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## FRIDAY 26 APRIL 2019

Ambra 5	Brown 1	Brown 3	Ambra 1-2	Ambra 8	Brown 2	Ambra 6	Ambra 3-4	Ambra 7
<b>INTERDISCIPLINARY PRE-MEETING COURSE</b>	<b>RADIOBIOLOGY PRE-MEETING COURSE</b>	<b>CLINICAL PRE-MEETING COURSE</b>	<b>PHYSICS PRE-MEETING COURSE</b>	<b>PRE-MEETING COURSE</b>	<b>PRE-MEETING COURSE</b>	<b>EDUCATION PRE-MEETING COURSE</b>	<b>EDUCATION PRE-MEETING COURSE</b>	<b>CONTOURING WORKSHOPS</b>
08:30-17:30	08:15-17:30	08:30-17:00	08:45-17:15	09:00-17:15	08:30-17:30	09:00-17:00	08:30-17:00	08:00-18:00: OAR on Head and Neck Cancer 10:30-12:30: Rectal Cancer 13:30-15:30: Lung SBRT 16:00-18:00: Primary Vaginal Cancer
Conservative treatment in early rectal cancer	Radiation induced cell death (the good and the ugly)	MR guided radiotherapy for clinicians	Machine Learning for Physicists	Management of high-risk prostate cancer	Basic course brachytherapy treatment	Academic Entrepreneurship and Technology Transfer in Radiation Oncology: Dream or Reality?	Foundations of Leadership in Radiation Oncology	

17:45-18:45: **Opening Ceremony** - Gold Plenary  
19:00-21:00: **Networking Evening** - Exhibition Area

## SATURDAY 27 APRIL 2019

	Auditorium	Brown 1	Gold Plenary	Brown 3	Brown 2	Space 1-2	Space 3-4	Ambra 1-2	Poster area	Ambra 5-6	Ambra 7
08:00 - 08:40	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>			
	Artificial Intelligence Applications in Radiation Oncology	Using mice to model normal tissue responses to thoracic radiation	State of the art in definitive treatment of locally advanced NSCLC	New ILROG radiotherapy guidelines for haematological malignancies	The role of postoperative radiotherapy in endometrial cancer: what have we learned of the PORTEC trials?	Gating and breath-hold techniques in Radiation Therapy	Technology for precision small animal radiotherapy research: Optimal use and challenges	Ensuring Quality in an Image Guidance Era			
08:45 - 10:00	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>JOINT SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 1</b>		
	Artificial Intelligence in Radiation Oncology	Mouse models: Animal models the next step for RT	Optimal management of patients with unresectable stage 3 NSCLC	Combined modality treatment vs chemotherapy alone in lymphoma patients?	Image guided adaptive brachytherapy (IGABT) for primary vaginal cancer in Europe and North America	ESTRO-AAPM QA of on-line adaptive radiotherapy	Beyond Physical dose	Quality in an IGRT	Breast and skin		
10:00 - 10:30: COFFEE BREAK											
10:30 - 11:45	<b>SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>POSTER VIEWING 2</b>		
	Challenging dose painting: Are we really painting what we aim to or the better outcome is only linked to higher dose spots within the CTV?	Pre-clinical models is the next step for radiotherapy	Lung	Haematology, Sarcoma and oligometastases	Treatment verification	Adaptive radiotherapy: tools and technologies	Applications of dose modelling and calculation	Motion management and adaptive strategies	Advanced technologies		
12:00 - 12:30: <b>E. van der Schueren Award Lecture</b>   Learning from clinical practice: pushing quality forward   <i>N. Jorret [ES]</i> - Gold Plenary											
12:30 - 13:00: <b>Iridium Award Lecture</b>   The role of women in the brachytherapy field   <i>C. Haie-Meder [FR]</i> - Gold Plenary											
13:00 - 14:30: <b>Lunch and Industry Symposia</b>											
13:30 - 14:30: <b>GEC-ESTRO Assembly</b> - Brown 2											
14:30 - 15:45	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>JOINT SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 3</b>	<b>MULTIDISCIPLINARY TUMOUR BOARD</b>	<b>CONTOURING WORKSHOP</b>
	MR-guided radiation therapy: hybrid machines and treatment adaptation	How to exploit Immunogenic cell death Mechanism in Radiotherapy	Oligo-metastatic prostate cancer - shedding light in a quickly emerging field	New developments in gynaecological cancers	Real time navigation technologies in brachytherapy	Automatic / Knowledge based treatment planning: open issues	ESTRO-EFOMP Multi-disciplinary working in Radiotherapy	Younger people and radiotherapy	Brachytherapy	Soft tissue sarcomas	14:30-16:30 OAR on Head and Neck Cancer
15:45 - 16:15: COFFEE BREAK											
16:15 - 17:30	<b>JOINT SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>POSTER VIEWING 4</b>		
	ESTRO-CARO Functional imaging in RT: from biology to guidance	How to exploit immunogenic cell death mechanisms in radiotherapy	Prostate and bladder	CNS and Paediatrics	Cervix brachytherapy	New developments in automated treatment planning	New technologies	A patient centered approach to follow up	Head-Neck and Lung		
17:35 - 18:20: <b>Honorary Members award lectures</b> - Gold Plenary Multidisciplinary approaches as the keys to defeat lung cancer   <i>G. Scagliotti [IT]</i> Are radiation specialists good global cancer citizens?   <i>J. Torode [CH]</i> Putting down the scalpel. The evolution of rectal cancer treatment   <i>A. Habr-Gama [BR]</i>											
18:30 - 19:30: <b>Poster Awards Ceremony</b> - Poster Area											

## SUNDAY 28 APRIL 2019

	Auditorium	Brown 1	Gold Plenary	Brown 3	Brown 2	Space 1-2	Space 3-4	Ambra 1-2	Ambra 3-4	Poster area	Ambra 5-6	Ambra 7
08:00 - 08:40	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>			
	Re-irradiation for breast cancer	Extracellular vesicles; are we there yet?	Update on the management of SCLC	How to combine checkpoint inhibitors with radiotherapy?	How does brachytherapy fit in the modern management of penile cancer?	Detector specific output correction factors: How to use them in practice	Uncertainties in Radiomics	New technology and modalities in Radiotherapy - What can the ESTRO School offer?	Precision medicine and systems biology - transforming cancer research in the 21st century			
08:45 - 10:00	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>DEBATE</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 5</b>		
	Balancing the risks and benefits of re-irradiation	Circulating biomarkers for patient stratification and treatment monitoring	This house believes that Proton-beam be used routinely in the treatment of lung cancer	Radiation-drug combinations on the 2019 horizon	Inverse planning in brachytherapy - A one click solution?	Reference and non-reference dosimetry - CoPs and beyond	New advances in image reconstruction in CBCT	New technology and modalities	Combining research and (clinical/ professional) training/ practice	Health Services Research and Health-Related Quality of Life		
10:00 - 10:30: COFFEE BREAK												
10:30 - 11:45	<b>JOINT SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>COFFEE BREAK &amp; SPEED DATING</b>	<b>POSTER VIEWING 6</b>	<b>PROFFERED PAPERS</b>	
	ESTRO-JASTRO Clinical trials for particle therapy: which ones to run and how?	Tumour sensitization	Randomised clinical trials	Radiation and targeted agents	Prostate HDR brachytherapy	Innovations in dosimetry and dose measurements	X-ray guided tumour tracking	Impact of variations on treatment planning		Radiobiological modelling and quantitative imaging	Breast and Skin brachytherapy	
12:00 - 12:30: <b>Presidential Symposium</b> - Gold Plenary												
12:30 - 13:00: <b>C. Regaud Award Lecture</b>   Is fractionation history?   <i>D. De Rysscher [BE]</i> - Gold Plenary												
13:00 - 14:30: <b>Lunch and Industry Symposia</b>												
										<b>YOUNG LUNCH SYMPOSIUM</b>		
										How to prevent burnout?		
14:30 - 15:45	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>DEBATE</b>	<b>DEBATE</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 7</b>	<b>MULTIDISCIPLINARY TUMOUR BOARD</b>	<b>CONTOURING WORKSHOP</b>
	The Microbiome, Inflammation and Radiotherapy response	Reducing the normal tissue effects of RT	Radiotherapy in the era of the Silver Tsunami	This house believes that margin reduction is the key to improved outcome	Which is the best brachytherapy technique to deliver partial breast irradiation? Pitfalls, results and current recommendations	Big data - big problems?	From grid therapy to microbeam radiotherapy	Focus on the lung	Stronger together - news and projects in the young national societies	CNS, Paediatrics, Haematology and Gynaecology	Prostate cancer	14:30-16:30 Rectal Cancer
15:45 - 16:15: COFFEE BREAK												
16:15 - 17:30	<b>JOINT SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>QUIZ AND YOUNG NETWORKING COCKTAIL</b>	<b>POSTER VIEWING 8</b>	<b>PROFFERED PAPERS</b>	
	ESTRO-ASTRO Translating discovery to cure	Normal tissue effects of radiotherapy	GI	Head and Neck	Optimising dose distribution	Outcome modelling	Handling intra-fraction motion in MR guided RT	Reducing uncertainties in volume definition		TP Developments	Innovative and uncommon indications	
17:40 - 18:00: <b>J. Overgaard Legacy Award Lecture</b>   Back to the future, a tale of volumes   <i>P. Povrtmans [FR]</i> - Gold Plenary												
18:00 - 18:20: <b>Honorary Physicist Award Lecture</b>   Precision medicine - an opportunity for medical physics and radiation oncology   <i>M. Guckenberger [CH]</i> - Gold Plenary												

## MONDAY 29 APRIL 2019

	Auditorium	Ambra 5-6	Brown 1	Gold Plenary	Brown 3	Space 1-2	Space 3-4	Ambra 1-2	Poster area	Brown 2	Ambra 7	
08:00 - 08:40	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>				
	Extreme hypofractionation in the treatment of localized prostate cancer	Immunotherapy and Radiotherapy: challenges and opportunities	Inhibiting mitochondrial TCA cycle unravels tumor growth inhibitory and radiosensitizing effects	Machine learning in radiomic analyses to predict radiotherapy outcome	Importance of volumetric staging and biological dose inhomogeneity in IMRT	In-vivo dosimetry: Possibilities and Pitfalls	The vital role of physicists in clinical trials: from design to data analysis	New developments in the treatment of brain metastases: better prognostic tools, improved outcomes				
08:45 - 10:00	<b>SYMPOSIUM</b>	<b>JOINT SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>JOINT SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 9</b>			
	Radiotherapy in bladder cancer: Standard of care and future perspectives	ESTRO-EACR Radio-immunotherapy: from concept to clinical practice	Tumor Metabolism and Radiotherapy	ESTRO-ESR Current status and future challenges in MR-integrated radiotherapy	Improved outcome by smarter use of radiotherapy	Quantitative Imaging for Radiation Oncology	Advanced methods to account for proton range uncertainties in treatment planning	Care, communication and new technology in brain radiotherapy	Applied dosimetry			
10:00 - 10:30: COFFEE BREAK												
10:30 - 11:45	<b>JOINT SYMPOSIUM</b>	<b>DEBATE</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>POSTER VIEWING 10</b>		
	ESTRO-IAEA The role of hypofractionation in current radiotherapy and its impact in planning radiotherapy services	Which is the best technique for the delivery of APBI?	Biomarkers and biomedicine in radiotherapy	Late breaking abstracts	Pelvic tumours	Artificial intelligence and novel imaging approaches	Treatment planning innovations	Improving accuracy in patient positioning	Radiobiology			
12:00 - 12:30: <b>K. Breur Award Lecture</b>   A stroll in Rome, together   <i>V. Valentini [IT]</i> - Gold Plenary												
12:30 - 12:40: <b>Academic Award: Jack Fowler University of Wisconsin Award</b> - Gold Plenary												
12:40 - 13:00: <b>Company Award Lecture</b> - Gold Plenary												
13:00 - 14:30: <b>Lunch and Industry Symposia</b>												
13:30 - 14:30: <b>Physics Assembly</b> - Brown 1												
14:30 - 15:45	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>JOINT SYMPOSIUM</b>	<b>DEBATE</b>	<b>PROFFERED PAPERS</b>	<b>SYMPOSIUM</b>	<b>POSTER VIEWING 11</b>	<b>MULTIDISCIPLINARY TUMOUR BOARD</b>	<b>CONTOURING WORKSHOP</b>	
	Adaptive RT: reactive or proactive?	Predictive models of toxicity and big data, big open issues	Biological Imaging for Radiotherapy	New developments for breast cancer irradiation	ESTRO-EORTC Moving Radiation Oncology Forward to Improve Patient Outcomes	In 10 years physicists will need different training to include more ...	Proton range and dose verification	Education and Advance Practice	Novel strategies in IGRT	Bladder cancer	14:30-16:30 Lung SBRT	
15:45 - 16:15: COFFEE BREAK												
16:15 - 17:30	<b>DEBATE</b>	<b>SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>PROFFERED PAPERS</b>	<b>POSTER VIEWING 12</b>		
	Can early-regression-guided adaptive RT (eRG-ART) improve the pathological response in neo-adjuvant treatments?	Recent insights into adverse cardiac effects from multimodal radiation therapy	Pre-clinical research in particle therapy	Breast	Health Economics and Health services research	Multi centre analysis of quality	Modelling toxicity	Education and quality management for optimising patient care	GI and Urological Cancers			
17:40 - 17:50: <b>D. Hollywood Award Lecture</b>   Stem cell sparing IMRT for head and neck cancer patients: a double-blind randomized controlled trial   <i>Steenbakkers, Roel [NL]</i> - Gold Plenary												
17:50 - 18:30: <b>Highlights of Proffered Papers</b> - Gold Plenary Radiotherapy-related lymphopenia affects overall survival in patients with lung cancer   <i>A. Abravan [NO]</i> Single dose high dose-rate (HDR) brachytherapy as monotherapy for localised prostate cancer   <i>H. Tharmingam [UK]</i> Implementation of plan of the day adaptive radiotherapy: Compliance to guidelines   <i>A. Webster [UK]</i> Targeting TEMPRSS2-ERG fusion to achieve a tumor-specific radiosensitization in prostate cancer   <i>W. Mansour [DE]</i>												
18:40 - 19:40: <b>General Assembly</b> - Brown 2												

## TUESDAY 30 APRIL 2019

	Ambra 5-6	Brown 2	Brown 1	Auditorium	Brown 3	Space 1-2	Space 3-4	Ambra 1-2	Ambra 7	
08:30 - 09:10	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>	<b>TEACHING LECTURE</b>		
	The DNA damage response to radiotherapy: mechanisms and therapeutic opportunities	Are adolescents and young adults (AYA) a specific patients' population?	Hypofractionation: can the DNA damage response deliver a biological rationale?	Recent insights into radiotherapy tolerance from the REQUITE Consortium	Integration of PET imaging in radiation treatment planning	Implementation and practice of SRS and SBRT: Consensus guidelines and protocols	How to select patients for radiotherapy with protons instead of photons	MR-guided radiotherapy in the pelvic region		
09:15 - 10:30	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>DEBATE</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>PROFFERED PAPERS</b>	<b>SYMPOSIUM</b>	<b>CONTOURING WORKSHOP</b>	
	Radiotherapy biomarkers: a confluence of imaging, genetics and pathology	Palliation in RT - How much is enough?	Mechanisms of treatment resistance in Glioma	This house believes that there is still a role for radiotherapy in pancreatic cancer	New developments in Head and Neck Cancer treatment	New detector developments	Treatment planning of proton therapy	Focus on the Pelvic Region	09:15 - 11:15 Primary Vaginal Cancer	
10:30 - 11:00: Coffee Break										
11:00 - 12:15	<b>JOINT SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>DEBATE</b>	<b>DEBATE</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>SYMPOSIUM</b>	<b>DEBATE</b>	
	ESTRO-RANZCR Radiotherapeutic management of oligometastatic disease	Plan of the day - present status and future aims	This house believes that immunotherapy is really changing radiation oncology	This house believes that patients with squamous cell cancer of the esophagus no longer need surgery	Controversies in the management of brain metastases	Improving delineation in RT: not only for the doctor	A new era for radiotherapy (anthropomorphic) phantoms	Workload/clinic logistics, and not technical uncertainties, are the main barrier to widespread implementation of adaptive RT practice		
12:20 - 13:20										
	<b>CLOSING DEBATE AND CLOSING REMARKS</b>									
	Data mining or data farming?									

● INTERDISCIPLINARY SESSION   ● RADIOBIOLOGY SESSION   ● CLINICAL SESSION   ● BRACHY THERAPY SESSION   ● PHYSICS SESSION   ● RTT SESSION   ● YOUNG SCIENTISTS' SESSION



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