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#38

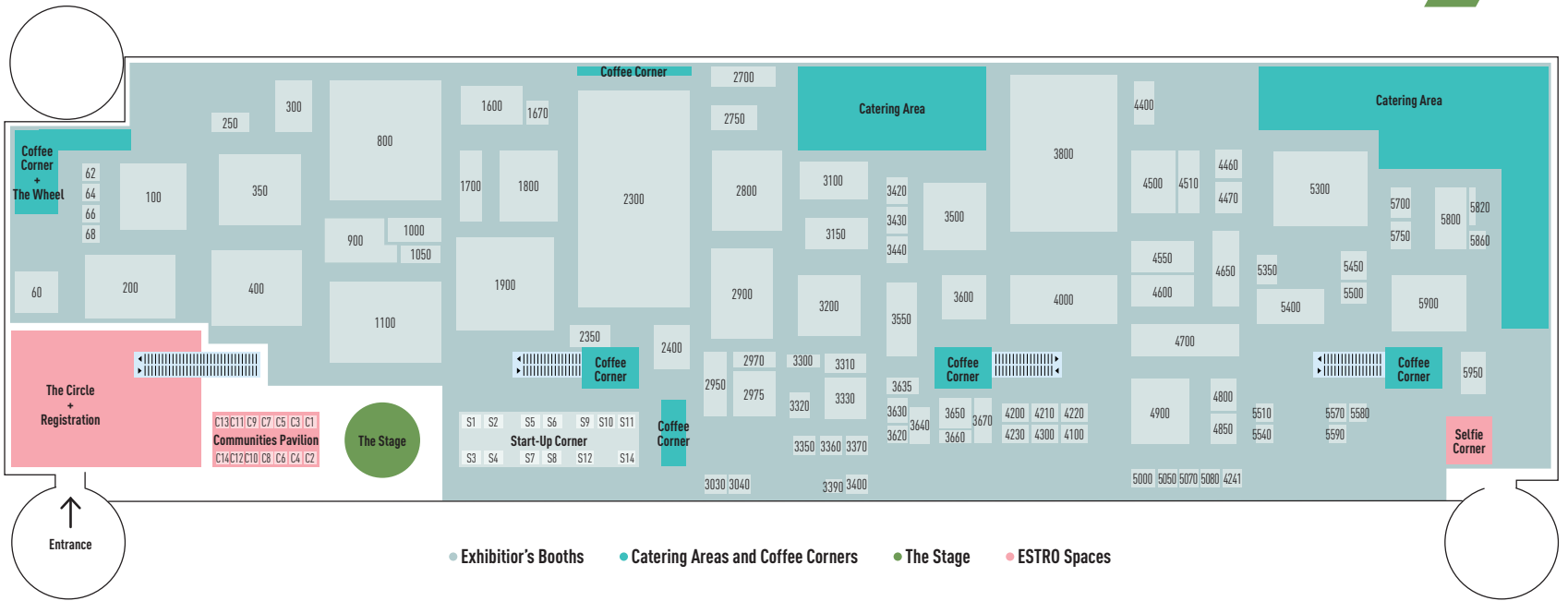
PROGRAMME OVERVIEW

26-30 April 2019
Milan, Italy

Targeting optimal care, together

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EXHIBITION FLOORPLAN



Exhibitors

AZJ Healthcare	3320
Accuray	800
Adani	3300
AEP Linac	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
Cablom 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

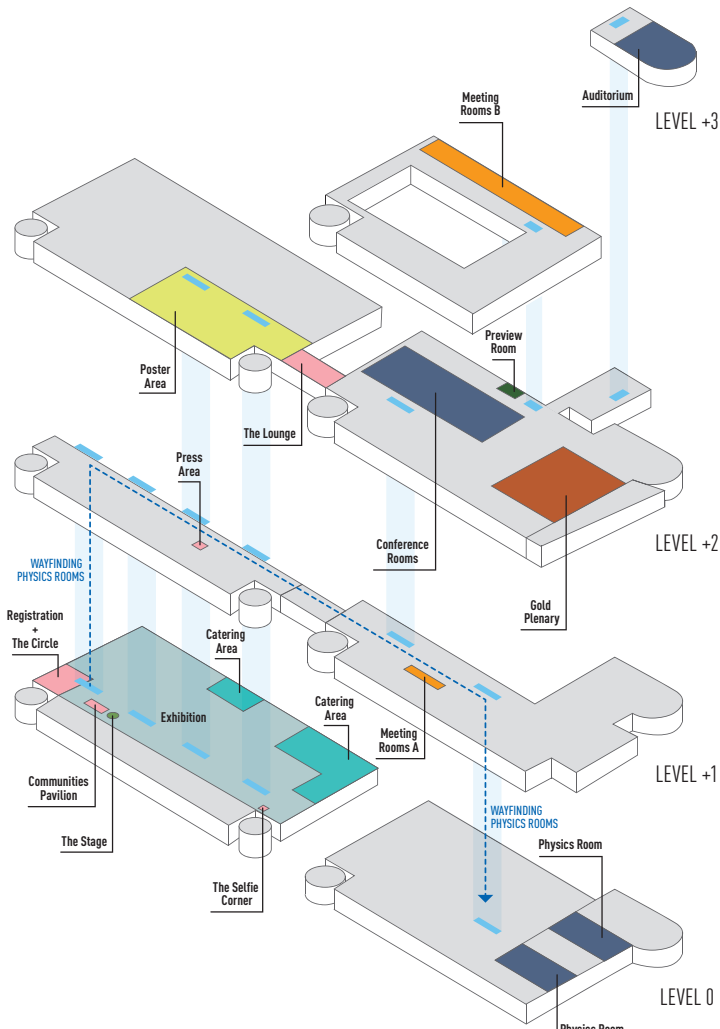
Start-Up Corner

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

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FIND YOUR WAY

- LEVEL 0**
 - Catering Area
 - Communities Pavilion
 - Conference Rooms
 - Physics
 - 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
INTERDISCIPLINARY PRE-MEETING COURSE 08:30-17:30 Conservative treatment in early rectal cancer	RADIOBIOLOGY PRE-MEETING COURSE 08:15-17:30 Radiation induced cell death (the good and the ugly)	CLINICAL PRE-MEETING COURSE 08:30-17:00 MR guided radiotherapy for clinicians	PHYSICS PRE-MEETING COURSE 08:45-17:15 Machine Learning for Physicists	PRE-MEETING COURSE 09:00-17:15 Management of high-risk prostate cancer	PRE-MEETING COURSE 08:30-17:30 Basic course brachytherapy treatment	EDUCATION PRE-MEETING COURSE 09:00-17:00 Academic Entrepreneurship and Technology Transfer in Radiation Oncology: Dream or Reality?	EDUCATION PRE-MEETING COURSE 08:30-17:00 Foundations of Leadership in Radiation Oncology	CONTOURING WORKSHOPS 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

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
TEACHING LECTURE 08:00 - 08:40 Artificial Intelligence Applications in Radiation Oncology	TEACHING LECTURE Using mice to model normal tissue responses to thoracic radiation	TEACHING LECTURE State of the art in definitive treatment of locally advanced NSCLC	TEACHING LECTURE New ILROG radiotherapy guidelines for haematological malignancies	TEACHING LECTURE The role of postoperative radiotherapy in endometrial cancer: what have we learned of the PORTEC trials?	TEACHING LECTURE Gating and breath-hold techniques in Radiation Therapy	TEACHING LECTURE Technology for precision small animal radiotherapy research: Optimal use and challenges	TEACHING LECTURE Ensuring Quality in an Image Guidance Era			
SYMPOSIUM 08:45 - 10:00 Artificial Intelligence in Radiation Oncology	SYMPOSIUM Mouse models: Animal models the next step for RT	SYMPOSIUM Optimal management of patients with unresectable stage 3 NSCLC	SYMPOSIUM Combined modality treatment vs chemotherapy alone in lymphoma patients?	SYMPOSIUM Image guided adaptive brachytherapy (IGABT) for primary vaginal cancer in Europe and North America	JOINT SYMPOSIUM ESTRO-AAPM QA of on-line adaptive radiotherapy	SYMPOSIUM Beyond Physical dose	SYMPOSIUM Quality in an IGRT	POSTER VIEWING 1 Breast and skin		
10:00 - 10:30: COFFEE BREAK										
SYMPOSIUM 10:30 - 11:45 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?	PROFFERED PAPERS Pre-clinical models is the next step for radiotherapy	PROFFERED PAPERS Lung	PROFFERED PAPERS Haematology, Sarcoma and oligometastases	PROFFERED PAPERS Treatment verification	PROFFERED PAPERS Adaptive radiotherapy: tools and technologies	PROFFERED PAPERS Applications of dose modelling and calculation	PROFFERED PAPERS Motion management and adaptive strategies	POSTER VIEWING 2 Advanced technologies		
12:00 - 12:30: E. van der Schueren Award Lecture Learning from clinical practice: pushing quality forward N. Jorret [ES] - Gold Plenary										
12:30 - 13:00: Iridium Award Lecture The role of women in the brachytherapy field C. Haie-Meder [FR] - Gold Plenary										
13:00 - 14:30: Lunch and Industry Symposia										
13:30 - 14:30: GEC-ESTRO Assembly - Brown 2										
SYMPOSIUM 14:30 - 15:45 MR-guided radiation therapy: hybrid machines and treatment adaptation	SYMPOSIUM How to exploit Immunogenic cell death Mechanism in Radiotherapy	SYMPOSIUM Oligo-metastatic prostate cancer - shedding light in a quickly emerging field	SYMPOSIUM New developments in gynaecological cancers	SYMPOSIUM Real time navigation technologies in brachytherapy	SYMPOSIUM Automatic / Knowledge based treatment planning: open issues	JOINT SYMPOSIUM ESTRO-EFOMP Multi-disciplinary working in Radiotherapy	SYMPOSIUM Younger people and radiotherapy	POSTER VIEWING 3 Brachytherapy	MULTIDISCIPLINARY TUMOUR BOARD Soft tissue sarcomas	CONTOURING WORKSHOP 14:30-16:30 OAR on Head and Neck Cancer
15:45 - 16:15: COFFEE BREAK										
JOINT SYMPOSIUM 16:15 - 17:30 ESTRO-CARO Functional imaging in RT: from biology to guidance	PROFFERED PAPERS How to exploit immunogenic cell death mechanisms in radiotherapy	PROFFERED PAPERS Prostate and bladder	PROFFERED PAPERS CNS and Paediatrics	PROFFERED PAPERS Cervix brachytherapy	PROFFERED PAPERS New developments in automated treatment planning	PROFFERED PAPERS New technologies	PROFFERED PAPERS A patient centered approach to follow up	POSTER VIEWING 4 Head-Neck and Lung		
17:35 - 18:20: Honorary Members award lectures - Gold Plenary Multidisciplinary approaches as the keys to defeat lung cancer G. Scagliotti [IT] Are radiation specialists good global cancer citizens? J. Torode [CH] Putting down the scalpel. The evolution of rectal cancer treatment A. Habr-Gama [BR]										
18:30 - 19:30: Poster Awards Ceremony - 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
TEACHING LECTURE 08:00 - 08:40 Re-irradiation for breast cancer	TEACHING LECTURE Extracellular vesicles; are we there yet?	TEACHING LECTURE Update on the management of SCLC	TEACHING LECTURE How to combine checkpoint inhibitors with radiotherapy?	TEACHING LECTURE How does brachytherapy fit in the modern management of penile cancer?	TEACHING LECTURE Detector specific output correction factors: How to use them in practice	TEACHING LECTURE Uncertainties in Radiomics	TEACHING LECTURE New technology and modalities in Radiotherapy - What can the ESTRO School offer?	TEACHING LECTURE Precision medicine and systems biology - transforming cancer research in the 21st century			
SYMPOSIUM 08:45 - 10:00 Balancing the risks and benefits of re-irradiation	SYMPOSIUM Circulating biomarkers for patient stratification and treatment monitoring	DEBATE This house believes that Proton-beam be used routinely in the treatment of lung cancer	SYMPOSIUM Radiation-drug combinations on the 2019 horizon	SYMPOSIUM Inverse planning in brachytherapy - A one click solution?	SYMPOSIUM Reference and non-reference dosimetry - CoPs and beyond	SYMPOSIUM New advances in image reconstruction in CBCT	SYMPOSIUM New technology and modalities	SYMPOSIUM Combining research and (clinical/ professional) training/ practice	POSTER VIEWING 5 Health Services Research and Health-Related Quality of Life		
10:00 - 10:30: COFFEE BREAK											
JOINT SYMPOSIUM 10:30 - 11:45 ESTRO-JASTRO Clinical trials for particle therapy: which ones to run and how?	PROFFERED PAPERS Tumour sensitization	PROFFERED PAPERS Randomised clinical trials	PROFFERED PAPERS Radiation and targeted agents	PROFFERED PAPERS Prostate HDR brachytherapy	PROFFERED PAPERS Innovations in dosimetry and dose measurements	PROFFERED PAPERS X-ray guided tumour tracking	PROFFERED PAPERS Impact of variations on treatment planning	COFFEE BREAK & SPEED DATING	POSTER VIEWING 6 Radiobiological modelling and quantitative imaging	PROFFERED PAPERS Breast and Skin brachytherapy	
12:00 - 12:30: Presidential Symposium - Gold Plenary											
12:30 - 13:00: C. Regaud Award Lecture Is fractionation history? D. De Rysscher [BE] - Gold Plenary											
13:00 - 14:30: Lunch and Industry Symposia											
									YOUNG LUNCH SYMPOSIUM How to prevent burnout?		
SYMPOSIUM 14:30 - 15:45 The Microbiome, Inflammation and Radiotherapy response	SYMPOSIUM Reducing the normal tissue effects of RT	SYMPOSIUM Radiotherapy in the era of the Silver Tsunami	DEBATE This house believes that margin reduction is the key to improved outcome	DEBATE Which is the best brachytherapy technique to deliver partial breast irradiation? Pitfalls, results and current recommendations	SYMPOSIUM Big data - big problems?	SYMPOSIUM From grid therapy to microbeam radiotherapy	SYMPOSIUM Focus on the lung	SYMPOSIUM Stronger together - news and projects in the young national societies	POSTER VIEWING 7 CNS, Paediatrics, Haematology and Gynaecology	MULTIDISCIPLINARY TUMOUR BOARD Prostate cancer	CONTOURING WORKSHOP 14:30-16:30 Rectal Cancer
15:45 - 16:15: COFFEE BREAK											
JOINT SYMPOSIUM 16:15 - 17:30 ESTRO-ASTRO Translating discovery to cure	PROFFERED PAPERS Normal tissue effects of radiotherapy	PROFFERED PAPERS GI	PROFFERED PAPERS Head and Neck	PROFFERED PAPERS Optimising dose distribution	PROFFERED PAPERS Outcome modelling	PROFFERED PAPERS Handling intra-fraction motion in MR guided RT	PROFFERED PAPERS Reducing uncertainties in volume definition	QUIZ AND YOUNG NETWORKING COCKTAIL	POSTER VIEWING 8 TP Developments	PROFFERED PAPERS Innovative and uncommon indications	
17:40 - 18:00: J. Overgaard Legacy Award Lecture Back to the future, a tale of volumes P. Povrtmans [FR] - Gold Plenary											
18:00 - 18:20: Honorary Physicist Award Lecture Precision medicine - an opportunity for medical physics and radiation oncology M. Guckenberger [CH] - 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
TEACHING LECTURE 08:00 - 08:40 Extreme hypofractionation in the treatment of localized prostate cancer	TEACHING LECTURE Immunotherapy and Radiotherapy: challenges and opportunities	TEACHING LECTURE Inhibiting mitochondrial TCA cycle unravels tumor growth inhibitory and radiosensitizing effects	TEACHING LECTURE Machine learning in radiomic analyses to predict radiotherapy outcome	TEACHING LECTURE Importance of volumetric staging and biological dose inhomogeneity in IMRT	TEACHING LECTURE In-vivo dosimetry: Possibilities and Pitfalls	TEACHING LECTURE The vital role of physicists in clinical trials: from design to data analysis	TEACHING LECTURE New developments in the treatment of brain metastases: better prognostic tools, improved outcomes			
SYMPOSIUM 08:45 - 10:00 Radiotherapy in bladder cancer: Standard of care and future perspectives	JOINT SYMPOSIUM ESTRO-EACR Radio-immunotherapy: from concept to clinical practice	SYMPOSIUM Tumor Metabolism and Radiotherapy	JOINT SYMPOSIUM ESTRO-ESR Current status and future challenges in MR-integrated radiotherapy	SYMPOSIUM Improved outcome by smarter use of radiotherapy	SYMPOSIUM Quantitative Imaging for Radiation Oncology	SYMPOSIUM Advanced methods to account for proton range uncertainties in treatment planning	SYMPOSIUM Care, communication and new technology in brain radiotherapy	POSTER VIEWING 9 Applied dosimetry		
10:00 - 10:30: COFFEE BREAK										
JOINT SYMPOSIUM 10:30 - 11:45 ESTRO-IAEA The role of hypofractionation in current radiotherapy and its impact in planning radiotherapy services	DEBATE Which is the best technique for the delivery of APBI?	PROFFERED PAPERS Biomarkers and biomaging in radiotherapy	PROFFERED PAPERS Late breaking abstracts	PROFFERED PAPERS Pelvic tumours	PROFFERED PAPERS Artificial intelligence and novel imaging approaches	PROFFERED PAPERS Treatment planning innovations	PROFFERED PAPERS Improving accuracy in patient positioning	POSTER VIEWING 10 Radiobiology		
12:00 - 12:30: K. Breur Award Lecture A stroll in Rome, together V. Valentini [IT] - Gold Plenary										
12:30 - 12:40: Academic Award: Jack Fowler University of Wisconsin Award - Gold Plenary										
12:40 - 13:00: Company Award Lecture - Gold Plenary										
13:00 - 14:30: Lunch and Industry Symposia										
13:30 - 14:30: Physics Assembly - Brown 1										
SYMPOSIUM 14:30 - 15:45 Adaptive RT: reactive or proactive?	SYMPOSIUM Predictive models of toxicity and big data, big open issues	SYMPOSIUM Biological Imaging for Radiotherapy	SYMPOSIUM New developments for breast cancer irradiation	JOINT SYMPOSIUM ESTRO-EORTC Moving Radiation Oncology Forward to Improve Patient Outcomes	DEBATE In 10 years physicists will need different training to include more ...	PROFFERED PAPERS Proton range and dose verification	SYMPOSIUM Education and Advance Practice	POSTER VIEWING 11 Novel strategies in IGRT	MULTIDISCIPLINARY TUMOUR BOARD Bladder cancer	CONTOURING WORKSHOP 14:30-16:30 Lung SBRT
15:45 - 16:15: COFFEE BREAK										
DEBATE 16:15 - 17:30 Can early-regression-guided adaptive RT (eRG-ART) improve the pathological response in neo-adjuvant treatments?	SYMPOSIUM Recent insights into adverse cardiac effects from multimodal radiation therapy	PROFFERED PAPERS Pre-clinical research in particle therapy	PROFFERED PAPERS Breast	PROFFERED PAPERS Health Economics and Health services research	PROFFERED PAPERS Multi centre analysis of quality	PROFFERED PAPERS Modelling toxicity	PROFFERED PAPERS Education and quality management for optimising patient care	POSTER VIEWING 12 GI and Urological Cancers		
17:40 - 17:50: D. Hollywood Award Lecture Stem cell sparing IMRT for head and neck cancer patients: a double-blind randomized controlled trial Steenbakkers, Roel [NL] - Gold Plenary										
17:50 - 18:30: Highlights of Preferred Papers - Gold Plenary Radiotherapy-related lymphopenia affects overall survival in patients with lung cancer A. Abravan [NO] Single dose high dose-rate (HDR) brachytherapy as monotherapy for localised prostate cancer H. Tharmingam [UK] Implementation of plan of the day adaptive radiotherapy: Compliance to guidelines A. Webster [UK] Targeting TEMPRSS2-ERG fusion to achieve a tumor-specific radiosensitization in prostate cancer W. Mansour [DE]										
18:40 - 19:40: General Assembly - 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
TEACHING LECTURE 08:30 - 09:10 The DNA damage response to radiotherapy: mechanisms and therapeutic opportunities	TEACHING LECTURE Are adolescents and young adults (AYA) a specific patients' population?	TEACHING LECTURE Hypofractionation: can the DNA damage response deliver a biological rationale?	TEACHING LECTURE Recent insights into radiotherapy tolerance from the REQUITE Consortium	TEACHING LECTURE Integration of PET imaging in radiation treatment planning	TEACHING LECTURE Implementation and practice of SRS and SBRT: Consensus guidelines and protocols	TEACHING LECTURE How to select patients for radiotherapy with protons instead of photons	TEACHING LECTURE MR-guided radiotherapy in the pelvic region	
SYMPOSIUM 09:15 - 10:30 Radiotherapy biomarkers: a confluence of imaging, genetics and pathology	SYMPOSIUM Palliation in RT - How much is enough?	SYMPOSIUM Mechanisms of treatment resistance in Glioma	DEBATE This house believes that there is still a role for radiotherapy in pancreatic cancer	SYMPOSIUM New developments in Head and Neck Cancer treatment	SYMPOSIUM New detector developments	SYMPOSIUM Treatment planning of proton therapy	SYMPOSIUM Focus on the Pelvic Region	CONTOURING WORKSHOP 09:15 - 11:15 Primary Vaginal Cancer
10:30 - 11:00: Coffee Break								
JOINT SYMPOSIUM 11:00 - 12:15 ESTRO-RANZCR Radiotherapeutic management of oligometastatic disease	SYMPOSIUM Plan of the day - present status and future aims	DEBATE This house believes that immunotherapy is really changing radiation oncology	DEBATE This house believes that patients with squamous cell cancer of the esophagus no longer need surgery	SYMPOSIUM Controversies in the management of brain metastases	SYMPOSIUM Improving delineation in RT: not only for the doctor	SYMPOSIUM A new era for radiotherapy (anthropomorphic) phantoms	SYMPOSIUM Workload/clinic logistics, and not technical uncertainties, are the main barrier to widespread implementation of adaptive RT practice	
12:20 - 13:20								
						CLOSING DEBATE AND CLOSING REMARKS 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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