



# ESTRO <sup>29</sup>

Sunday, September 12, 2010

## OPENING CEREMONY

MAIN AUDITORIUM • 18.00

All participants, registered accompanying persons and company delegates are invited to the official opening ceremony which will be held in the main auditorium on Sunday September 12, 2010 at 18:00. The opening ceremony will be followed by the welcome reception which will take place in the Exhibition area.

- 18.00 >
- Jean Bourhis, *President of ESTRO and chair of the Scientific Committee*
  - Dietmar Georg, *chair of the Scientific Committee*
  - Nuria Jornet, *chair of the National Organizing Committee*
  - Ferran Guedea, *chair of the National Organizing Committee*
  - X. Bosch (SP), *HPV and human cancer: A 30-year research story and an avenue for prevention*
  - Entertainment
- 19.30 >
- Welcome Reception

### SUNDAY, 12 SEPTEMBER, 2010

	ROOM 112	ROOM 111	ROOM 114	ROOM 114	ROOM 115	ROOM 116
09.00 - 17.00	Functional Imaging in Treatment Planning - Existing Standards and Future Developments Joint with EANM and International Cancer Imaging Society (ICIS)	Adaptive radiotherapy	Contribution of the tumour microenvironment to radiation responses	Patient safety in radiation oncology	Spanish-Portuguese-ALATRO National Day	Polish National Day
18.00 - 19.15	Opening ceremony					

### MONDAY, 13 SEPTEMBER, 2010

	AUDITORIUM	ROOM 117	ROOM 116	ROOM 112	ROOM 111	ROOM 113	ROOM 114	ROOMS 129/130
TEACHING LECTURE 08.00 - 08.40	Clinical relevance of molecular signaling in radiotherapy	Hypofractionated breast cancer protocols & partial breast irradiation techniques	Imaging for brachytherapy	New ICRU recommendations for IMRT	New core Curriculum	Exploiting DNA repair for radiotherapy	Overview of rectal cancer	07.30-10.00 Interactive e-contouring session: lung cancer
SYMPOSIA 08.45 - 10.00	Novel molecular targeting & radiation/clinical update	New approach in radiotherapy of breast cancer	Image-fusion techniques in brachytherapy	Can Quality Control be reduced without compromising quality?	What can functional imaging add in treatment planning?	New predictive tools in radiotherapy	Management of rectal cancer (part I)	
10.00 - 10.30	Coffee Break							
PROFFERED PAPERS 10.30 - 11.30	Gastro-intestinal tumours	Debate: Partial breast irradiation should be considered as a standard of care in 2010...	Combined brachytherapy and partial breast	Motion management	Dosimetric measurements	Signal transductional sensitizers	Optimising radiation treatment in the pelvic region	
11.30 - 12.15	Presidential Symposium							
12.15-12.45	Van der Schueren Award							
12.45 - 14.30					Satellite Symposium Accuray			
SYMPOSIA 14.30 - 15.45	Normal tissue effects	Management of early NSCLC	Role of breast brachytherapy outside of partial breast irradiation	Optimization strategies and advanced planning	Dose painting: the experts point of view	Promises and pitfalls of PARP inhibitors	Management of rectal cancer (part II)	
15.45 - 16.15	Coffee Break							
PROFFERED PAPERS 16.15 - 17.30	Update of Large Phase III randomized trials	CNS/Haematology/ Paediatrics	Brachytherapy miscellaneous	Dose calculation and Monte Carlo	Imaging physics in IGRT	DNA repair	Developments affecting patient treatment and workload	
17.30 - 18.45	Honorary members							
POSTER RECEPTION 18.45 - 20.00								

## COME AND VISIT US AT THE ESTRO BOOTH



••• STAND 120 •••

### SOCIAL EVENTS

Sunday, September 12

19.30 > WELCOME RECEPTION (Exhibition Area)

Monday, September 13

18.45 > POSTER RECEPTION (Poster Area)

Wednesday, September 15

19.30 > SOCIAL EVENT (Espanyol Stadium)



## TUESDAY, 14 SEPTEMBER, 2010

	AUDITORIUM	ROOM 117	ROOM 116	ROOM 112	ROOM 111	ROOM 113	ROOM 114	ROOM 115	ROOMS 129/130
<b>TEACHING LECTURE</b> 08.00 - 08.40	The ECCO-AACR-EORTC-ESMO FLIMS course for young investigator: a first step towards successful clinical trials, a major step in your career	Rectum: agreement and disagreement within the EURECA consensus conference	Quality assurance of real-time brachytherapy planning and delivery	Interaction of protons and light ions with matter	Information sharing, workflow, and patient care in radiation oncology	Targeting lactate exchanges in tumours: from basic characterization to new therapeutic applications	Advances in thoracic radiation oncology	How to get your scientific message across: from abstract to poster/oral presentation/plenary session	07.30-10.00 Interactive e-contouring session: rectal cancer
<b>SYMPOSIA</b> 08.45 - 10.00	Non Prostate GU malignancies	New strategies in the management of upper GI malignancies	Vaginal cuff irradiation by brachytherapy: why, where and how much?	Current challenges in proton and ion beam therapy. <i>Joint session ESTRO / PTCOG</i>	New insights in PET imaging	Tumour metabolism as a new target	The use of PET-CT for lung cancer	"Hot" developments in radiation oncology	
10.00 - 10.30	Coffee Break								
<b>PROFFERED PAPERS</b> 10.30-11.30	Head and neck cancer	Imaging	Brachytherapy (Gynaecology)	Physics and planning of ion beam therapy	Advanced developments in rotational IMRT	Hypoxia	Radiotherapy treatment techniques in lung cancer	Young scientists ESTRO poster session	
<b>AWARD LECTURE</b> 11.30 - 12.00	Regaud Lecture								
12.00 - 12.45	Highlights of the proffered papers								
12.45 - 14.30				Satellite Symposium Varian	Satellite Symposium Tomotherapy	Satellite Symposium Elekta	Satellite Symposium Vero	Satellite Symposium Dr Sennewald	
<b>SYMPOSIA</b> 14.30 - 15.45	Multidisciplinary treatment of prostate carcinoma. <i>Joint session ESTRO / EAU</i>	Updates and new strategies in the management of rectal cancer	Timing of brachytherapy boost treatments	New biological principles for describing volume effects	Rotational IMRT	Molecular targeting to modify normal tissue toxicity. <i>Joint session ESTRO / RRS</i>	Position verification	The rapid implantation of new technology in the field of Radiation Oncology. <i>Joint session ESTRO / CARO</i>	
15.45 - 16.15	Coffee Break								
<b>PROFFERED PAPERS</b> 16.15 - 17.30	Update of randomized trials	Oligometastases therapy and supportive care	Brachytherapy (Prostate)	Intra- and Interfractional movements	Nuclear Medicine in Radiation Oncology	Normal tissue morbidity	Exploring the quality of breast cancer radiation therapy	EU Projects	
<b>AWARD SESSION</b> 17.30 - 18.00	Iridium Award								
<b>AWARD LECTURES</b> 18.00 - 18.30	Varian award Jack Fowler, University of Wisconsin award Accuray award								
18.30 - 19.30	ESTRO School symposium and reception								

## WEDNESDAY, 15 SEPTEMBER, 2010

	AUDITORIUM	ROOM 117	ROOM 116	ROOM 112	ROOM 111	ROOM 113	ROOM 114	ROOM 115	ROOMS 129/130
<b>TEACHING LECTURE</b> 08.00 - 08.40	Review of randomized clinical trials in brain metastases	Biological rational of chemo-radiation	Selection criteria for brachytherapy in partial breast irradiation - recommendations of the GEC-ESTRO breast cancer working group	Quality assurance of image guided radiotherapy devices	Physics QA in brachytherapy	Importance of stem cells in radiotherapy	Modern approaches to palliative RT		07.30-10.00 Interactive e-contouring session: head and neck cancer
<b>SYMPOSIA</b> 08.45 - 10.00	New developments in neuro-oncology	Organ dose tolerance: from bench to bedside	Patterns of Care in Brachytherapy - where we are going?	Cone Beam CT Guided RT	New trends in Brachytherapy	Importance of PI3 kinase signalling for radiation therapy	Palliative RT		
10.00 - 10.30	Coffee Break								
<b>PROFFERED PAPERS</b> 10.30 - 11.30	Breast/ gynaecology	Prostate cancer	Thinking ahead: symposium on new biological targeting and nanotechnology for radiotherapy. <i>Joint session ESTRO / ASTRO</i>	Advanced correction strategies	Verification of advanced RT	Determinants of radiosensitivity	Results of ESTRO's 'Train the trainers' programme		
<b>AWARD LECTURE</b> 11.30 - 12.00	Breur Lecture								
12.00 - 12.45	Highlights of Phase III randomized trials								
12.45 - 14.30				Satellite Symposium Merck	Satellite Symposium IBA	Satellite Symposium Philips	Satellite Symposium Ferring	Satellite Symposium Elekta	
<b>SYMPOSIA</b> 14.30 - 15.45	Radiation responses of normal and cancer stem cells	Liver metastases: towards more curative approaches? <i>Joint session ESTRO / ESMO / ESSO</i>	Guidelines on implementing PET-CT in radiotherapy treatment planning. <i>Joint session ESTRO / EANM</i>	The pursuit of conformal therapy		Radiation-induced immune response and therapeutic outcome in radiation oncology	Presentations on research activities in Europe: what is done by RTTs	Pediatric tumours in adults. <i>Joint session ESTRO / PROS</i>	
15.45 - 16.15	Coffee Break								
<b>PROFFERED PAPERS</b> 16.15 - 17.30	Lung cancer	Is induction chemotherapy a standard of care in locally advanced head and neck cancer ?	Genitourinary and Sarcoma	Non-rigid Registration and Auto-segmentation for Adaptive Radiotherapy	What is New in Advanced Treatment Planning?	Genomics and Prediction	RTTs involved in research activities	The way forward for European research into normal tissue complications and second cancers following radiotherapy	
17.45 - 20.00	General Assembly								
20.00	Social evening								

## THURSDAY, 16 SEPTEMBER, 2010

	ROOM 117	ROOM 116	ROOM 115	ROOM 112	ROOM 111	ROOM 113	ROOM 114
<b>TEACHING LECTURES</b> 08.30 - 09.10	Integration of systemic therapies in head and neck radiotherapy	Endometrial cancer: the changing role of radiation therapy	Up-date of the core curriculum for radiation oncologists	Non-rigid image registration - how does it work?	Inverse planning and plan optimization - opening the black box	Influence of chromatin remodelling and DNA repair in the radiation response	Fractionation head and neck cancer
<b>SYMPOSIA</b> 09.15 - 10.30	New challenges in head and neck cancers	Prostate image guided RT: clinical perspectives	Assessment and treatment of nodal disease in cervical cancer. <i>Joint session ESTRO / ESGO</i>	Non-rigid image registration: applications	IMRT treatment verification - Lessons learned	Re-irradiation	Managing side effects: the RTT perspective
10.30 - 11.00	Coffee Break						
<b>SYMPOSIA</b> 11.00 - 12.00	Image guided radiotherapy: Clinical perspectives	Highlights of randomised trials		My optimal (dream) proton / machine is...	How to optimize MRI for treatment planning?	Potential advantages and pitfalls of anti-vascular and anti-angiogenics treatments	Managerial issues
<b>DEBATE</b> 12.00 - 12.45	Debate: Dose painting - do we need a small brush or a large brush?						