

BARCELONA • MONDAY SEPTEMBER 13, 2010

	Room 1 (CL)	Room 2 (CL)	Room 3 (BT)	Room 4 (PH)	Room 5 (PH)	Room 6 (RB)	Room 7 (RTT)	Room 8
TEACHING LECTURE 08:00 - 08:40	Clinical relevance of molecular signaling in radiotherapy <i>C. Belka (DE)</i>	Hypofractionated breast cancer protocols & partial breast irradiation techniques <i>J. Jassem (PO)</i>	Imaging for brachytherapy <i>R. Pötter (AT)</i>	New ICRU recommendations for IMRT <i>V. Grégoire (BE)</i>	New Core Curriculum for Medical Physicists in the field of Radiotherapy <i>T. Eudaldo (ES)</i> Revised Core Curriculum for RTTs <i>M. Coffey (IE)</i>	Exploiting DNA repair <i>C. Vens (NL)</i>	Overview of rectal cancer <i>C. Marijnen (NL)</i>	07:30 - 10:00 Lung Contouring <i>X. Geets (BE)</i> <i>U. Nestle (DE)</i>
SYMPOSIUM 08:45 - 10:00	Novel molecular targeting and radiation - clinical update <small>JOINT SESSION WITH BIOLOGY</small> • PARP inhibitors <i>A. Chalmers (UK)</i> • Histone Deacetylase inhibitors in radiotherapy - from preclinical concept to clinical therapy <i>A. Ree (NO)</i> • mToR inhibition <i>B. Wouters (CA)</i>	New approach in radiotherapy of breast cancer • Genotyping: prediction of local failure and toxicity <i>J. Alsner (DK)</i> • Technical challenges in locally advanced breast cancer <i>S. Bodis (CH)</i> • Role of radiotherapy in DCIS <i>Ph. Poortmans (NL)</i>	Image-fusion techniques in brachytherapy <small>BRACHYPHYSICS SESSION</small> • Implementation in gynaecological IGBT <i>C. Kirisits (AT)</i> • Implementation in prostate brachytherapy <i>A. Polo (UK)</i> • Can image fusion techniques improve brachytherapy in the head and neck region? <i>IK. Kolkman-Deurloo (NL)</i>	Can Quality Control be reduced without compromising quality? • Introduction: Are we doing too much QA? <i>N. Jorret (ES)</i> • QA management in RT: How to optimize the efficiency with QA management tools? <i>T. Knöös (SE)</i> • Failure mode and effect analysis (FMEA) Practical example in IMRT <i>S. Hug (USA)</i> • The role of process control in quality improvement <i>T. Pawlicki (USA)</i>	What can functional imaging add in treatment planning? <small>JOINT SESSION PHYSICS, BIOLOGY, CLINICAL</small> • Functional imaging of liver in stereotactic radiotherapy for liver tumours <i>M. Hoyer (DK)</i> • Functional imaging for delineation and characterization of prostate tumours <i>U. van der Heide (NL)</i> • The biologically effective dose at the voxel level <i>M. Joiner (USA)</i>	New Predictive tools in radiotherapy • Prognostic significance of tumor hypoxia inducible factor-1alpha expression <i>C. West (UK)</i> • Biomarkers of clinical responsiveness in brain tumor patients: progress and potential <i>A. Chakravarti (USA)</i> • Prognostic gene expression signatures for radiotherapy <i>L. van't Veer (NL)</i>	Management of rectal cancer (part I) <small>JOINT SESSION WITH CLINICAL</small> • Optimal Results with a Multidisciplinary Team Approach <i>M.A. Gambacorta (IT)</i> • Image-guided radiotherapy in rectal cancer: challenges and pitfalls <i>K. Haustermans (BE)</i> • Managing the consistency of the rectal volume. How to know where the rectum and the tumor is <i>R. De Jong (NL)</i>	
10:00 - 10:30	Coffee							
PROFFERED PAPERS 10:30 - 11:30	Proffered Papers	Debate: Partial breast irradiation should be considered a standard of care in 2010... • In favour of the motion <i>R. Orecchia (IT)</i> • Against the motion <i>J. Yarnold (UK)</i>	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	

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PRESIDENTIAL SYMPOSIUM 11:30 - 12:15	<p>The future of radiation oncology: The vision of ESTRO <i>J. Bourhis (FR)</i></p> <p>Integration in the European Multidisciplinary scene: The vision of ECCO <i>M. Baumann (DE)</i></p> <p>Van der Schueren Award Linking research and education: gynaecologic brachytherapy as template for future ESTRO activities? <i>R. Pötter (AT)</i></p>						
AWARD LECTURE 12:15 - 12:45							
12:45 - 14:30	Lunch - Poster viewing - Satellite Symposia						
SYMPOSIA 14:30 - 15:45	<p>Normal Tissue effects (recognition / prevention / intervention)</p> <ul style="list-style-type: none"> Multifactorial prediction of radiation-induced lung-toxicity: Beyond V20 and mean lung dose <i>Ph. Lambin (NL)</i> Rectum <i>D. Dearnaley (UK)</i> Salivary glands damage vs xerostomia: are they synonymous? <i>A. Eisbruch (USA)</i> 	<p>Management of early NSCLC</p> <ul style="list-style-type: none"> Stereotactic radiotherapy <i>E. Lartigau (FR)</i> Surgical approach <i>M. Weder (CH)</i> Interventional radiology <i>J. Palussière (FR)</i> 	<p>Role of breast brachytherapy outside of partial breast irradiation</p> <ul style="list-style-type: none"> How to boost in breast conservation radiotherapy? <i>E. Van Limbergen (BE)</i> Re-irradiation by brachytherapy in second breast conserving treatments. An alternative to salvage mastectomy? <i>C. Polgar (HU)</i> Brachytherapy in recurrences of the previously irradiated chest wall <i>P. Niehoff (DE)</i> 	<p>Optimization strategies and advanced planning</p> <ul style="list-style-type: none"> Robustness of a treatment plan <i>J. Unkelbach (USA)</i> Beam angle optimisation <i>B. Heijmen (NL)</i> Comparing IMRT treatment planning systems <i>C. Ceberg (SE)</i> 	<p>Dose painting: the experts point of view</p> <p>JOINT SESSION</p> <ul style="list-style-type: none"> Physicist aspects <i>W. Tome (USA)</i> Biological aspects <i>D. Zips (DE)</i> Clinician perspective <i>W. De Neve (BE)</i> 	<p>Promises and pitfalls of PARP inhibitors</p> <ul style="list-style-type: none"> The increasing complexity of PARP family proteins - implications for cancer therapy <i>T. Helleday (UK)</i> The potential role of PARP inhibitors in radiation oncology <i>A. Chalmers (UK)</i> Hypoxia and PARP inhibitors: Taking advantage of contextual synthetic lethality <i>R. Bristow (CA)</i> 	<p>Management of Rectal cancer (part II)</p> <ul style="list-style-type: none"> What is the most appropriate CT planning procedure for Pre-operative Irradiation <i>D. de Haas (NL)</i> Managing and preventing side effects <i>P. Maingon (FR)</i> Nutrition, quality of life and clinical outcomes after RT: Long term FU of a prospective randomised controlled trial in colorectal cancer <i>P. Ravasco (PT)</i>
15:45 - 16:15	Coffee						

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	Room 1 (CL)	Room 2 (CL)	Room 3 (BT)	Room 4 (PH)	Room 5 (PH)	Room 6 (RB)	Room 7 (RTT)
PROFFERED PAPERS 16:15 - 17:30	<p>Up-date of phase III randomized trials</p> <ul style="list-style-type: none"> Update of RTOG accelerated versus convention RT-CT in HNC <i>K. Ang (USA)</i> DISCUSSAWT: <i>W. Budach (DE)</i> Breast cancer: Up-date of the FAST and START trials <i>J. Yarnold (UK)</i> DISCUSSAWT: <i>A. Fourquet (FR)</i> Update on RTOG 94-08: Phase III results of Short course Androgen deprivation with RT in low- and intermediate-risk prostate cancer <i>W. Shipley (USA)</i> DISCUSSAWT: <i>M. Bolla (FR)</i> Update on PROG 95-09: 10 year outcomes of 79 Gy versus 70 Gy conformal RT in low- and intermediate-risk Prostate cancer <i>W. Shipley (USA)</i> DISCUSSAWT: <i>D. Dearnaley (UK)</i> Update of the EORTC Boost trial <i>H. Bartelink (NL)</i> DISCUSSAWT: <i>tbc</i> 	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers
HONORARY MEMBERS 17:30 - 16:45	<p>Can closing the visualization gap make cancer a chronic disease? <i>TR. Mackie (USA)</i></p> <p>Individual patient data meta-analysis and radiotherapy in head and neck and lung cancer <i>JP. Pignon (FR)</i></p> <p>Managing a randomized clinical trial in a developing country--Pakistan: problems and experiences <i>N. Bagum (Pakistan)</i></p>						
POSTER RECEPTION 18:45 - 20:00							

BARCELONA • TUESDAY SEPTEMBER 14, 2010

	Room 1 (CL)	Room 2 (CL)	Room 3 (BT)	Room 4 (PH)	Room 5 (PH)	Room 6 (RB)	Room 7 (RTT)	Room 8 (YOUNG)	Room 9
TEACHING LECTURE 08:00 - 08:40	The ECCO-AA-CR-ASCO FLIMS course for young investigators: A first step toward successful clinical trials <i>Ph. Lambin (NL)</i>	Rectum: agreement and disagreement within the EURECA consensus conference <i>D. Sebag-Montefiore (UK)</i>	Quality assurance of real-time brachytherapy planning and delivery <i>B. Al Qaisieh (UK)</i>	Interaction of protons and light ions with matter <i>H. Palmans (UK)</i>	Information sharing, workflow, and patient care in radiation oncology <i>J. Palta (USA)</i>	Targeting lactate exchanges in tumours: from basic characterization to new therapeutic applications <i>P. Sonveaux (BE)</i>	Radiotherapy practice for NSCLC <i>C. Le Pechoux (FR)</i>	How to get your scientific message across: from abstract to poster/oral presentation/plenary session <i>M. Brada (UK)</i>	07:30 - 10:00 Rectal Contouring <i>C. Marijnen (NL)</i> <i>M. Gambacorta (IT)</i>
SYMPOSIUM 08:45 - 10:00	Non Prostate GU malignancies • Organ preservation in bladder carcinoma, including up-date of randomized trials <i>J. Dunst (DE)</i> • An update on the management of penile carcinoma, including brachytherapy <i>A. Kiltie (UK)</i> • Can we skip radiotherapy in testis carcinoma? <i>A. Horwich (UK)</i>	New strategies in the management of upper GI malignancies • Pancreatic adenocarcinoma: Light at the end of the tunnel? <i>T. Brunner (UK)</i> • Oesophageal cancers: new strategies <i>J.F. Bosset (FR)</i> • Optimal treatment of gastric cancer, past present and future directions <i>M. Verheij (NL)</i>	Vaginal cuff irradiation by brachytherapy: why, where and how much? • Patient selection for vaginal cuff brachytherapy in endometrial cancer <i>C. Haie-Meder (FR)</i> • What is the appropriate dose and schedule for vaginal cuff irradiation? <i>T. Hellebust-Paulsen (NO)</i> • Are optimized techniques necessary in prophylactic vaginal cuff brachytherapy (with special focus on complications) <i>N. Tuncel (TR)</i>	ESTRO / PTCOG JOINT SYMPOSIUM Current challenges in proton and ion beam therapy • Improving gantry-based proton scanning beyond current state of the art <i>E. Pedroni (CH)</i> • Positioning and motion with or without scanned particle beams? <i>A. Mazal (FR)</i> • Enlarging the clinical use of protons <i>T. Delaney (USA)</i>	New insights in PET imaging JOINT SESSION BIOLOGY, CLINICAL • Novel PET-tracers for potential future application in radiation oncology <i>W. Oyen (NL)</i> • Kinetic models -review <i>D. Thorwarth (DE)</i> • The SUV and its dependencies - silly useless value? <i>R. Boellaard (NL)</i>	Tumour metabolism as a new target • Dialogue between glycolytic and oxidative tumour cells <i>O. Feron (BE)</i> • H2AX in hypoxia and neovascularization <i>E. Hammond (USA)</i> • Autophagy and metabolism <i>B. Wouters (CA)</i>	The use of PET-CT for lung cancer • Overview of PET imaging for Lung cancer <i>U. Nestle (DE)</i> • How to perform a PET/CT scan of lung cancer patients <i>M. Federspiel (DK)</i> • Lung tumor motion during treatment: should we match on bone or on tumour? <i>C. Hoinkis (DE)</i>	Hot developments in radiation oncology • Biology <i>M.C. Vozenin-Brotans (FR)</i> • Physics <i>R. Moeckli (CH)</i> • RTT <i>M. Mast (NL)</i> • Clinical radiotherapy <i>G. Lammering (NL)</i>	
10:00 - 10:30	Coffee								

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PROFFERED PAPERS 10:30 - 11:30	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Moving Poster Session
AWARD LECTURE 11:30 - 12:00	Regaud Award Translational Research in Radiation Oncology: Opening New Windows of Opportunity <i>J. Bernier (CH)</i>							
12:00 - 12:45	Highlights of proffered papers							
12:45 - 14:30	Lunch - Poster viewing - Satellite Symposia							
SYMPOSIUM 14:30 - 15:45	ESTRO / EAU JOINT SYMPOSIUM Multidisciplinary treatment of prostate carcinoma • Post-op - immediate vs salvage treatment - a radiation oncology view <i>T. Wiegand (DE)</i> • Post-op - immediate vs salvage treatment - a surgical view <i>B. Tombal (BE)</i> • Value of hypofractionation and brachytherapy <i>P. Hoskin (UK)</i>	Updates and new strategies in the management of rectal cancer • Up-date of randomized trials including STAR trial on oxaliplatin and ACCOR 3 <i>J.P. Gerard (FR)</i> • Organ preservation in rectal cancer <i>C.S. Rodel (DE)</i> • Tailored rectal cancer treatment by nomograms <i>V. Valentini (IT)</i>	Timing of brachytherapy boost treatments • Introduction <i>J. Lindgaard (DK)</i> • Does radiobiology help in timing of a brachytherapy boost? <i>B. Jones (UK)</i> • Does imaging help in timing of a brachytherapy boost? <i>A. Grosu (DE)</i>	New biological principles for describing volume effects JOINT SESSION WITH BIOLOGY • Tissue and organ interactions in the development of normal tissue damage: implications for NTCP modelling <i>P. van Luijk (NL)</i> • Spatial dose statistics <i>C.M. Andreassen (DK)</i> • Neural networks for toxicity prediction <i>M. Partridge (UK)</i>	Rotational IMRT JOINT SESSION WITH CLINICAL • Limits in optimization of Arc IMRT <i>M. Alber (DE)</i> • Clinical experience with VMAT <i>F. Lohr (DE)</i> • Clinical experience with Rapid Arc <i>W. Verbakel (BE)</i> • Critical comparison of single / few Arcs vs standard IMRT <i>D. Verellen (BE)</i>	ESTRO / RRS JOINT SYMPOSIUM Molecular targeting to modify normal tissue toxicity • Mitigation of radiation nephropathy <i>E. Cohen (USA)</i> • Heart toxicity <i>F. Stewart (NL)</i> • Oxidative stress and inflammation of late lung effects <i>J. Williams (USA)</i>	Position verification JOINT SESSION WITH PHYSICS • Overview of systematic and random errors <i>H. de Boer (NL)</i> • Verification images: How often and who should read them and utilise information? <i>KFJ Nikolaus Metz III (AT)</i> • Cone beam CT: clinical implementation <i>H. McNair (UK)</i>	ESTRO / CARO JOINT SYMPOSIUM The rapid implementation of new technology in the field of Radiation Oncology • Targeted nanoparticle radiosensitization - How can we make it work? <i>J.P. Pignol (CA)</i> • Technological implementation based on tomotherapy experience: Using tomotherapy as a "gold-standard" in pareto-like planning comparisons with other advanced photon delivery techniques <i>C. Fiorino (IT)</i>
15:45 - 16:15	Coffee break							

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PROFFERED PAPERS 16:15 - 17:30	<p>Up-date of phase III randomized trials in HNC</p> <ul style="list-style-type: none"> A randomized trial of hyperbaric O₂ in prevention of late toxicity <p>P. Levendag (NL) Discussant: V. Grégoire (BE)</p> <ul style="list-style-type: none"> TROG RT-QA tirapazamine trial <p>J. Giralt (SP) Discussant: J. Bernier (CH)</p> <ul style="list-style-type: none"> Randomised trial of external beam radiotherapy alone or with high-dose-rate brachytherapy boost in localised prostate cancer <p>P. Hoskin (UK) Discussant: J. Lebesque (NL)</p> <ul style="list-style-type: none"> Long term results of immediate post-operative radiotherapy after radical prostatectomy in PT3N0 prostate cancer (EORTC 22911) <p>M. Bolla (FR) Discussant: T. Wiegand (NL)</p> <ul style="list-style-type: none"> Final results of randomized trial on adjuvant chemotherapy after preoperative chemoradiation in rectal cancer <p>L. Ciommi (IT) Discussant: tbc</p>	<p>Proffered Papers</p>	<p>Proffered Papers</p>	<p>Proffered Papers</p>	<p>Proffered Papers</p>	<p>Proffered Papers</p>	<p>Proffered Papers</p>	<p>Symposium on EU Projects</p> <ul style="list-style-type: none"> ALLEGRO A. Ottolenghi (IT) GENEPIZ G. Heeren (BE) MAESTRO R. Hugon (FR) ULICE R. Orecchia (IT)
AWARD SESSION 17:30 - 18:00	<p>Introduction by György Kovács</p> <p>Iridium Award From "escargot" to 3D image guidance D. Ash (UK)</p> <p>Varian award • Jack Fowler, University of Wisconsin Award • Accrury award</p>							
AWARD SESSION 18:00 - 18:30								
18:30 - 19:30	ESRO Programme School Symposium & Reception							

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TEACHING LECTURE 08:00 - 08:40	<p>Recent developments in brain metastasis - review of randomized trials</p> <p>U. Riccardi (IT)</p>	<p>Biological rationale of chemo-radiation</p> <p>V. Favaudon (FR)</p>	<p>Selection Criteria for brachytherapy in partial breast irradiation - Recommendations of the GEC-ESTRO breast cancer working group</p> <p>C. Palgar (HU)</p>	<p>Quality assurance of image guided radiotherapy devices</p> <p>M. Stock (AT)</p>	<p>Physics QA in brachytherapy</p> <p>FA. Siebert (DE)</p>	<p>Importance of normal tissue stem cells in radiotherapy</p> <p>R. Coppes (NL)</p>	<p>Modern approaches to palliative RT</p> <p>J. W. Leer (NL)</p>	<p>07:30 - 10:00 Head and neck contouring</p> <p>C. Grau (DK) J. Giralt (ES)</p>	
SYMPOSIA 08:40 - 10:00	<p>New developments in neuro-oncology</p> <ul style="list-style-type: none"> Disease progression or pseudo progression after concomitant radiochemotherapy treatment. Pitfalls in neurooncology <p>A. Brandes (IT)</p> <ul style="list-style-type: none"> Temozolomide and radiotherapy in glioblastoma. Update of the EORTC trial and perspectives <p>R. Mirmanoff (CH)</p> <ul style="list-style-type: none"> New strategies and treatment of grade III glioma <p>M. Weller (CH)</p>	<p>Organ dose tolerance: from bench to bedside</p> <p>JOINT SESSION WITH BIOLOGY</p> <ul style="list-style-type: none"> Introduction and QUANTEC perspective <p>W. Dörr (DE)</p> <ul style="list-style-type: none"> Spinal cord + brain (Biological) <p>A. van der Kogel (NL)</p> <ul style="list-style-type: none"> Spinal cord + brain (Clinical) <p>C. Nieder (NO)</p> <ul style="list-style-type: none"> Vascular / cardiovascular (Biological) <p>M.C. Vozenin-Brotans (FR)</p> <ul style="list-style-type: none"> Vascular / cardiovascular (Clinical) <p>B. Aleman (NL)</p>	<p>Patterns of Care in Brachytherapy - where we are going to?</p> <ul style="list-style-type: none"> Introduction and general information <p>F. Guedea (ES)</p> <ul style="list-style-type: none"> Technical background and data security <p>G. Kovács (DE)</p> <ul style="list-style-type: none"> Results by regions: Southern Europe <p>C. Marchetti (IT)</p> <ul style="list-style-type: none"> Results of the patterns of care project in Brachytherapy 2007 for Western Europe <p>J. Yenselaar (NL)</p> <ul style="list-style-type: none"> Central Europe <p>H. Stankusova (CZ)</p> <ul style="list-style-type: none"> Nordic Countries <p>T. Hellebust-Paulsen (NO)</p> <ul style="list-style-type: none"> Latin America <p>A. Poitevin (MX)</p> <ul style="list-style-type: none"> Conclusions and the PCB project in the future <p>F. Guedea (ES)</p>	<p>Cone Beam CT Guided RT</p> <ul style="list-style-type: none"> Image formation and image quality <p>M. van Herk (NL)</p> <ul style="list-style-type: none"> Image registration: target localization and deformation <p>M. Kessler (USA)</p> <ul style="list-style-type: none"> Correction strategies for cone-beam CT guided radiotherapy <p>P. Remeijer (NL)</p>	<p>New trends in Brachytherapy</p> <p>JOINT SESSION WITH BRACHYPHYSICS</p> <ul style="list-style-type: none"> New sources in brachytherapy <p>D. Baltas (DE)</p> <ul style="list-style-type: none"> Inhomogeneity corrections <p>A.C. Tedgren (SE)</p> <ul style="list-style-type: none"> Pre-, online- and post-plan - What levels of accuracy can we achieve? <p>M. de Brabandere (BE)</p>	<p>Importance of normal tissue stem cells in radiotherapy</p> <p>R. Coppes (NL)</p>	<p>Importance of PI3 kinase signalling for radiation therapy</p> <ul style="list-style-type: none"> PI3K signalling in cancer and therapeutic implications <p>A. Carrero (ES)</p> <ul style="list-style-type: none"> PI3K pathway regulates survival of cancer stem cells residing in the perivascular niche following radiation in medulloblastoma in vivo <p>EC Holland (USA)</p> <ul style="list-style-type: none"> PI3K-AKT signalling as regulatory component of DNA-PK-dependent DNA double-strand break repair <p>HP. Rodemann (DE)</p>	<p>Palliative RT</p> <ul style="list-style-type: none"> Using cone beam CT for one stop simulation and treatment in palliative settings <p>M. Kamphuis (NL)</p> <ul style="list-style-type: none"> Spinal cord compression - patient positioning and immobilisation procedures <p>Y. Van der Linden (NL)</p> <ul style="list-style-type: none"> Optimisation of palliative RT based on patient reported outcome <p>D. Vordermark (DE)</p>	

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10:00 - 10:30	Coffee break						
PROFFERED PAPERS 10:30 - 11:30	Proffered Papers	Proffered Papers	ESTRO - ASTRO JOINT SYMPOSIUM Thinking ahead: symposium on new biological tools and nanotechnology for radiotherapy	Advanced Correction Strategies • Adaptive radiotherapy <i>J.J. Sonke (NL)</i> • Online plan selection of pelvic tumours <i>G. Meijer (NL)</i> • Online planning and delivery technique for palliative radiotherapy of bone metastases <i>D. Letourneau (CA)</i>	Proffered Papers	Proffered Papers	Results of ESTRO's 'train the trainer' programme Serbia: <i>J. Stevanovic</i> Estonia: <i>N. Tover</i> A course that became an educational project in Croatia <i>V. Karadzica</i> Roundtable Discussion
AWARD LECTURE 11:30 - 12:00	Breur award Rectal cancer: does research translate into outcome? <i>K. Haustermans (BE)</i>						
PLENARY 12:00 - 12:45	Highlights of Phase III randomized trials • First results of the Accelerated, Carbogen breathing and nicotinamide (ARCON) randomized trial in head and neck cancer <i>H. Kaanders (NL)</i> DISCUSSANT: <i>J. Overgaard (DK)</i> • First results of a randomized trial comparing cisplatin 5FU-RT to mitomycin 5FU-RT in HNC <i>V. Budach (DE)</i> DISCUSSANT: <i>H. Langendijk (NL)</i> • Treatment of patients with Hodgkin lymphoma in early favourable stages: Final analysis of the randomized German Hodgkin Study Group (GHSG) trial HD10 <i>H. Eich (DE)</i> DISCUSSANT: <i>tbc</i>						
12:45 - 14:30	Lunch - Poster viewing - Satellite Symposia						

BARCELONA • WEDNESDAY SEPTEMBER 15, 2010

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SYMPOSIUM 14:30 - 15:45	Radiation responses of normal and cancer stem cells JOINT SESSION BIOLOGY-CLINICAL • Radioresistance of skin stem cells through the FGF2 pathway <i>M. Martin (FR)</i> • Bone marrow stem cells <i>Speaker tbc</i> • Cancer stem cells from biology to clinical implications <i>M. Krause (DE)</i>	ESTRO / ESMO / ESSO JOINT SYMPOSIUM Liver metastases: Towards more curative approaches? • New insights systematic treatment <i>C.H. Koehne (DE)</i> • Stereotactic RT <i>D. Peiffert (FR)</i> • Intervention radiology <i>T. DeBaere (FR)</i> • Surgical treatment of liver metastases <i>J. Rothbarth (NL)</i>	ESTRO / EANM JOINT SYMPOSIUM Guidelines on implementing PET-CT in radiotherapy treatment planning • Introduction <i>V. Grégoire (BE)</i> • Interpretation and quantitative analysis of PET/CT studies <i>W.A. Weber (DE)</i> • Image reconstruction and segmentation <i>L. Lee (BE)</i> • Overview of the clinical use of PET-CT in radiotherapy planning <i>A. Chiti (IT)</i> • Conclusion - <i>A. Chiti (IT)</i>	Physics debate	Physics Debate The pursuit of conformal therapy: • Sense <i>D. Verellen (BE)</i> • Nonsense <i>DR. Olsen (NO)</i>	Radiation-induced immune responses and therapeutic outcome in radiation oncology JOINT SESSION WITH CLINICAL • Immunogenic tumour cell death triggered by irradiation: human perspectives <i>A. Tesnière (FR)</i> • Radiation-induced heat shock protein 70 and therapeutic implications <i>G. Multhoff (DE)</i> • Effect of immunomodulators on the radiation response of normal mucosa in vivo <i>J. Haagen (DE)</i>	Presentations on research activities in Europe: What is done by RTTs • Implications of RTT in EORTC research <i>F. Duclos (CH)</i> • Facilitating RTT participation in research <i>A. Clayton - Lea (UK)</i> • Guide to research <i>L. Maignon (IE)</i> • Optimising CT guided radiotherapy for breast cancer <i>HP. van der Laan (NL)</i>	ESTRO / PROS JOINT SYMPOSIUM Pediatric tumors in adults • Medulloblastoma in adults <i>L. Padovani (FR)</i> • Ewing sarcoma in adults <i>L. Claude (FR)</i> • Rhabdomyosarcoma in adults <i>J. Giralt (ES)</i>
15:45 - 16:15	Coffee break							
PROFFERED PAPERS 16:15 - 17:30	Proffered Papers	Debate: Is induction chemotherapy a standard of care in locally advanced head and neck cancer? • In favour of the motion <i>L. Licitra (IT)</i> • Is induction chemotherapy a standard of care in locally advanced head and neck cancer? No it is not <i>H. Langendijk (NL)</i>	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Proffered Papers	Panel discussion: the way forward for European research into normal tissue complications and second cancers following radiotherapy Organised by ALLEGRO Consortium • Introduction - <i>M. Baumann (DE)</i> • The risk of complication in radiotherapy - <i>H. Langendijk (NL)</i> • Q&A • The risk of second cancers in radiotherapy - <i>W. Dörr (DE)</i> • Q&A and wrap up
17:45	General Assembly							
20:00	Social evening							

BARCELONA • THURSDAY SEPTEMBER 16, 2010

	Room 1 (CL)	Room 2 (CL)	Room 3 (MIXED)	Room 4 (PH)	Room 5 (PH)	Room 6 (RB)	Room 7 (RTT)
TEACHING LECTURES 08:30 - 09:10	Integration of systemic therapies in HN radiotherapy <i>G. Calais (FR)</i>	Endometrial cancer. The changing role of radiation therapy <i>C. Creutzberg (NL)</i>	Up-date of the core curriculum for radiation oncologists <i>S. Magrini (IT)</i>	Non-rigid image registration - "How does it work?" <i>D. Hawkes (UK)</i>	Inverse planning and plan optimization - Opening the black box <i>T. Bortfeld (USA)</i>	Influence of chromatin remodelling and DNA repair in the radiation response <i>N. Foray (FR)</i>	Overview of fractionation modifications in head and neck cancer <i>P. Blanchard (FR)</i>
SYMPOSIUM 09:15 - 10:30	New challenges in head and neck cancers <ul style="list-style-type: none"> Up date of the MRC IMRT randomized trial and dose escalation with IMRT <i>C. Nutting (UK)</i> Enigmas and challenges in the diagnosis and treatment of HPV-related oropharyngeal cancer <i>B. O'Sullivan (CA)</i> Update on EGFR targeting <i>K. Harrington (UK)</i> 	Prostate image guided RT: clinical perspectives <ul style="list-style-type: none"> Imaging for optimal target definition <i>V. Khoo (UK)</i> Adaptive RT - organ motion, organ deformation <i>R. De Crevoisier (FR)</i> Functional imaging assessment of prediction and response <i>R. Miralbell (CH)</i> 	ESTRO / ESGO JOINT SYMPOSIUM Assessment and treatment of nodal disease in cervical cancer <ul style="list-style-type: none"> PET CT imaging for the assessment of nodal spread in locally advanced cervical cancer <i>E. Leblanc (FR)</i> Is there still a place (and a benefit in term of improving survival) for staging surgery in the era of PET CT imaging? <i>P. Morice (FR)</i> Optimization of radiation therapy for patients with suspected or proven nodal metastases <i>I. Jürgenliemk-Schulz (NL)</i> Should management of locally advanced adenocarcinoma and squamous cell carcinoma (with nodal spread) be similar? <i>G. Thomas (CA)</i> 	Non-rigid image registration: applications <ul style="list-style-type: none"> Lung <i>D. Sarrut (FR)</i> Clinical use of non-rigid image registration in H&N cancer radiotherapy <i>P. Castadot (BE)</i> Pelvis <i>K. Brock (CA)</i> Non rigid registration of large deformations in the pelvic region and applications for adaptive radiation therapy <i>L. Bondar (NL)</i> 	IMRT treatment verification - Lessons learned <ul style="list-style-type: none"> IMRT credentialing using the radiological physics centre's anthropomorphic QA PHANTOMS <i>D. Followill (USA)</i> Patient specific measurements <i>J. Olofsson (SE)</i> In vivo dosimetry as substitute of pre-treatment verification <i>B. Mijnheer (NL)</i> Going towards 3D-volume related gamma analysis <i>M. Dirckx (NL)</i> 	Re-irradiation JOINT SESSION BIOLOGY-CLINICAL <ul style="list-style-type: none"> Normal tissue tolerance RO re-irradiation <i>W. Dörr (DE)</i> Re-irradiation of brain tumors <i>S. Combs (DE)</i> Re-irradiation in nasopharyngeal cancer <i>A. W. Lee (HK)</i> 	Managing side effects: the RTT perspective <ul style="list-style-type: none"> A review of the management of skin reactions / skin care <i>A. Clayton-Lea (IE)</i> Oral care minimising the reaction; Eating; Speaking <i>M. Knöös (SE)</i> Psychosocial issues «The role of the RT: recognition of psychosocial issues and when to refer patients for specialist care » <i>S. Dempsey (IE)</i>

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10:30 - 11:00	Coffee break						
SYMPOSIUM 11:00 - 12:00	Image guided radiotherapy clinical perspectives between radiotherapy and clinical <ul style="list-style-type: none"> Imaging and optimal target definition and dose painting in HNC <i>A. Grosu (DE)</i> Imaging optimal target definition and dose painting in prostate cancer <i>M. Krengli (IT)</i> 	Preferred papers	Preferred papers	My optimal (dream) proton / machine is... <ul style="list-style-type: none"> Is passive scattering outdated? <i>H. Kooy (USA)</i> Advantage and disadvantage of scanning techniques <i>T. Lomax (CH)</i> Adding ions to the proton machine <i>M. Münter (DE)</i> 	How to optimize MRI for treatment planning? <ul style="list-style-type: none"> Functional MR for treatment planning <i>M. Leach (UK)</i> Novel MR imaging sequences <i>E. Malinen (NO)</i> Radiotherapy driven by MR imaging <i>M. Karlsson (SE)</i> 	Potential advantages and pitfalls of anti-vascular and anti-angiogenics treatments <ul style="list-style-type: none"> Visualisation of tumor vasculature alter anti-angiogenic therapy <i>D. Duda (USA)</i> Tumour adaptive responses to antiangiogenic therapies <i>O. Casanovas (ES)</i> Targeting endothelial growth factor <i>F. Paris (FR)</i> 	Managerial issues <ul style="list-style-type: none"> Opening a new department <i>J. Davis (UK)</i> Introducing new technology - a team approach <i>P. Scalliet (BE)</i> Technological evolution in radiation therapy on a department level <i>Speaker: tbc</i>
12:00 - 12:45	Debate: Dose painting - Do we need: <ul style="list-style-type: none"> a small brush <i>S. Bentzen (USA)</i> or a large brush <i>V. Khoo (UK)</i> 						

