

**Thursday, 10 May 2012**

<b>08:00 – 08:10</b>	<b>Welcome and Introduction</b>	
<b>08:10 – 10:40</b>	<p><b>Modern Brachytherapy: Role of New Image Modalities</b>  <i>Moderators: Johannes Dimopoulos (GR) and Val J Lowe (USA)</i></p> <ul style="list-style-type: none"> <li>• Introduction – <i>Christine Haie-Meder (FR)</i></li> <li>• Functional imaging – <i>Brendan Carey (GB)</i></li> <li>• Role of MRI/1H and Hyperpolarized 13C Magnetic Resonance Spectroscopic Imaging in Brachytherapy of Prostate Cancer – <i>John Kurhanewicz (USA)</i></li> <li>• PET – <i>Val J Lowe (USA)</i></li> <li>• MRI – <i>Ina Jurgenliemk-Schulz (NL)</i></li> <li>• Ultrasound – <i>Peter Hoskin (GB)</i></li> <li>• Conclusion - Image-guided brachytherapy future and evaluation – <i>Johannes Dimopoulos (GR)</i></li> </ul>	
<b>10:40-11:10</b>	<b>Coffee and poster review</b>	
<b>11:10-12:25</b>	<p><b>Panel Session 1: Prospective trials for Partial breast irradiation</b>  <i>Moderators: David Wazer (USA) and Erik Van Limbergen (BE)</i></p> <ul style="list-style-type: none"> <li>• Prospective trials for partial breast irradiation - European experience – <i>Csaba Polgar (HU)</i></li> <li>• North American Experience – <i>Douglas W. Arthur (USA)</i></li> <li>• TARGIT – <i>David Joseph (AUS)</i></li> <li>• Trials in Milan: results – <i>Roberto Orecchia (IT)</i></li> <li>• Long term results and on-going trials of Permanent Breast Seed Implants (PBSI) – <i>Jean-Philippe Pignol (CA)</i></li> </ul>	
<b>12:25-13:00</b>	<p><b>Marie Curie Medal Presentation</b>          Introduction: <i>Christine Haie-Meder (FR)</i></p> <p>Brachytherapy in cancer: art and science- accomplishments in over a century          Speaker: <i>Carlos Perez (USA)</i></p>	

<b>13:00-14:30</b>	<b>Lunch</b>	
<b>14:30-15:30</b>	<p><b>Prostate Panel Session 1: Is there a role for primary focal therapy?</b>  Moderators: JM Cosset (FR) and Juanita Crook (CAN)</p> <ul style="list-style-type: none"> <li>• Diagnostics (pathology) – David Bostwick (USA)</li> <li>• Diagnostics (imaging) – Fergus Coakley (USA)</li> <li>• Technical possibilities of radiotherapy – György Kovács (DE)</li> <li>• Non-radiation techniques – Theo de Reijke (NL)</li> </ul>	<p><b>Physics Panel Session 1: Dose to water calibration</b>  Moderators: Jack Venselaar (NL) and TBC</p> <ul style="list-style-type: none"> <li>• Euramet project: new calibration standards in brachytherapy – Thorsten Sander (UK)</li> <li>• Brachytherapy calibration standards in the USA – Larry DeWerd (USA)</li> <li>• Clinical dose measurements for photon-emitting brachytherapy sources– Mark Rivard (USA)</li> </ul>
<b>15:30-16:00</b>	<b>Coffee and poster review</b>	
<b>16:00-17:00</b>	<p><b>Gynecology Panel Session 1: Are we decreasing morbidity with image-guided brachytherapy?</b>  Moderators: Jacob Lindegaard (DK) and Beth Erickson (USA)</p> <ul style="list-style-type: none"> <li>• Clinical results – Richard Pötter (AT)</li> <li>• DVH parameter analysis – Kari Tanderup (DK)</li> <li>• What are the pitfalls (integrating organ motion, external beam) – Beth Erickson (USA)</li> </ul>	<p><b>Prostate Proffered Papers Session 1</b>  Moderators: Brian Davis (USA) and Annette Haworth (AUS)</p>
<b>17:05-18:35</b>	<p><b>Prostate Proffered Papers Session 2</b>  Moderators: Peter Hoskin (GB) and Dorin Todor (USA)</p>	<p><b>Gynecology Proffered Papers Session 1</b>  Moderators: Jose-Luis Guinot (ES) and Akila Viswanathan (USA)</p>
<b>18:30-19:30</b>	<b>Poster reception and poster awards</b>	

**Friday, 11 May 2012**

<p><b>8:00-9:00</b></p>	<p><b>Radiobiological modelling in brachytherapy: clinical relevance?</b>  <i>Moderators: John Sylvester (USA) and Victor Bourel (ARG)</i></p> <ul style="list-style-type: none"> <li>• Repair half-time – <i>Speaker TBC</i></li> <li>• Different mathematical models and what’s missing – <i>Victor Bourel (ARG)</i></li> <li>• Radiobiological changes during the course of treatment – <i>Scott William (AUS)</i></li> </ul>	
<p><b>9:05-10:05</b></p>	<p><b>Miscellaneous Proffered Papers Session 1</b>  <i>Moderators: Joseph Bucci (AUS) and Jean-Pierre Gérard (FR)</i></p>	<p><b>Debate: Key controversies on patient selection for partial breast irradiation</b>  <i>Moderators: Rakesh Patel (USA) and Vradislav Strnad (DE)</i></p> <ul style="list-style-type: none"> <li>• Partial breast irradiation: from the US side - <i>Robert Kuske (USA)</i></li> <li>• Partial breast irradiation: from the European side - <i>Erik Van Limbergen (BE)</i></li> </ul>
<p><b>10:05-10:35</b></p>	<p><b>Coffee and poster review</b></p>	
<p><b>10:35-11:35</b></p>	<p><b>A perspective on Health Economics in Brachytherapy</b>  <i>Moderator: Eduardo Rosenblatt (AT)</i></p> <p>10:35-11:05 Moderated panel discussion (5 min each)</p> <ul style="list-style-type: none"> <li>• Developing countries – <i>Ramesh Bilimagga (India)</i></li> <li>• North American – <i>David Beyer (USA)</i></li> <li>• Australian Prostate Brachytherapy – <i>Jeremy Millar (AUS)</i></li> <li>• Europe – <i>Yolande Lievens (BE)</i></li> <li>• South America – <i>Marcela de la Torre (ARG)</i></li> </ul> <p>11:05-11:35 Role of industry in developing cost-effective brachytherapy – <i>Eduardo Rosenblatt (AT)</i></p>	<p><b>Physics Proffered Papers Session 1</b>  <i>Moderators: Taran Paulsen Hellebust (NO) and Wayne Butler (USA)</i></p>

11:40-12:40	<b>Poster highlights</b> <i>Moderators: Natalka Suchowerska (AUS) and Marcela de la Torre (ARG)</i>	
12:40-14:00	<b>Lunch</b>	
14:00-15:00	<b>Prostate Panel Session 2: Salvage treatment after brachytherapy failure</b> <i>Moderators: Richard Stock (USA) and György Kovács (DE)</i> <ul style="list-style-type: none"> <li>• Re-implantation – <i>Mack Roach (USA)</i></li> <li>• Surgery/ salvage/ cryotherapy after brachytherapy failure – <i>Axel Heidenreich (DE)</i></li> </ul>	<b>Proffered Papers Session Gynecology 2</b> <i>Moderator: Luis Linares (USA) and Firuza Patel (IND)</i>
15:05-16:05	<b>Breast Proffered Papers Session 1</b> <i>Moderators: Jean-Michel Hannoun-Levi (FR) and Jean-Philippe Pignol (CAN)</i>	<b>Physics Panel session 2: Uncertainties in brachytherapy and how to report them?</b> <i>Moderators: Frank-André Siebert (DE) and Mark Rivard (USA)</i> <ul style="list-style-type: none"> <li>• TG-138 report: uncertainties in photon brachytherapy dosimetry – <i>Bruce Thomadsen (USA)</i></li> <li>• Systematical overview of uncertainties in brachytherapy – <i>Christian Kirisits (AT)</i></li> <li>• Uncertainties in image guided brachytherapy: economical and logistical aspects – <i>Alfredo Polo (ES)</i></li> </ul>
16:05-16:35	<b>Coffee and poster review</b>	
16:35-17:35	<b>How to improve safety in brachytherapy? Practical examples</b> <i>Moderators: TBC and Christian Kirisits (AT)</i> <ul style="list-style-type: none"> <li>• Is high safety in brachytherapy a result of advanced techniques and advanced imaging? - <i>Dimos Baltas (DE)</i></li> <li>• Reports from the field: how to prevent mistreatments in brachytherapy? - <i>W. Robert Lee (USA)</i></li> </ul>	

**Saturday, 12 May 2012**

<p><b>08:00-09:00</b></p>	<p><b>New opportunities with robotic, endoscopic and radiological interventions</b>  <i>Moderator: Jeffrey Demanes (USA) and Rien Moerland (NL)</i></p> <ul style="list-style-type: none"> <li>• Robotic – <i>Deepak Khuntia (USA)</i></li> <li>• Rigid rectoscopy to improve radiation targeting and individualise management of rectal cancer – <i>Jean-Pierre Gérard (FR)</i></li> <li>• Radiological intervention – <i>Gunther Gademann (DE)</i></li> </ul>	
<p><b>09:05-10:05</b></p>	<p><b>Gynecology Panel Session 2: Emerging evidence for image-based brachytherapy in cervical cancer</b>  <i>Moderator: Richard Pötter (AT) and Patricia Eifel (USA)</i></p> <ul style="list-style-type: none"> <li>• Retro-EMBRACE – <i>Jacob Lindegaard (DK)</i></li> <li>• IGBT: state of the art or state of stagnation? - <i>Akila Wiswanathan (USA)</i></li> </ul>	<p><b>Physics Proffered Papers Session 2</b>  <i>Moderators: Åsa Carlsson-Tedgren (SE) and Christopher Melhus (USA)</i></p>
<p><b>10:05-10:35</b></p>	<p><b>Coffee and poster review</b></p>	
<p><b>10:35-11:35</b></p>	<p><b>Role of IAEA and UICC in brachytherapy training</b>  <i>Moderator: Bradley Prestidge (USA)</i></p> <ul style="list-style-type: none"> <li>• IAEA - <i>Elena Fidarova (AT)</i></li> <li>• UICC: role of radiation therapy and brachytherapy in improving cancer outcomes in the world – <i>Mary Gospodarowicz (CAN)</i></li> </ul>	<p><b>Skin Brachytherapy</b>  <i>Moderators: Ramesh Bilimagga (India) and Zoubir Ouhib (USA)</i></p> <ul style="list-style-type: none"> <li>• What are the best indications for brachytherapy in non-melanoma skin cancers? - <i>Martine Delannes (FR)</i></li> <li>• Physics requirements for skin brachytherapy - <i>Jose Pérez-Catalayud (SP)</i></li> <li>• Skin brachytherapy from the dermatologist side - <i>John Strasswimmer (USA)</i></li> </ul>
<p><b>11:40-12:40</b></p>	<p><b>Physics panel session 3: The advantages and criticalities of new dose calculation algorithms</b></p>	<p><b>Miscellaneous Proffered Papers Session 2</b>  <i>Moderators: Bradley Pieters (NL) and TBC</i></p>

	<p><i>Moderators: Jose Pérez-Catalayud (ES) and Frank Verhaegen (NL)</i></p> <ul style="list-style-type: none"> <li>• Model-based dose calculation techniques in brachytherapy – <i>Luc Beaulieu (CA)</i></li> <li>• Is the future of brachytherapy model-based? – <i>Panagiotis Papagiannis (GR)</i></li> <li>• When prescription doses should change? – <i>Jose-Luis Guinot (ES)</i></li> </ul>	
<b>12:40-14:00</b>	<b>Lunch</b>	
<b>14:00-15:00</b>	<p><b>Gynecology Panel Session 3: Optimal adjuvant treatment for intermediate risk endometrial cancer</b>  <i>Moderator: TBC and Carien Creutzberg (NL)</i></p> <ul style="list-style-type: none"> <li>• Improving individualized cancer care with a nomogram following surgery - <i>Kaled Alektiar (USA)</i></li> <li>• Vaginal brachytherapy should be the standard adjuvant treatment - <i>Carien Creutzberg (NL)</i></li> </ul>	<p><b>Breast Proffered Papers 2</b>  <i>Moderator: Douglas Arthur (USA) and Christophe Hennequin (FR)</i></p>
<b>15:05-16:05</b>	<p><b>Panel Session 2: Repeat Breast Conservation with brachytherapy</b>  <i>Moderator: Csaba Polgar (HU)</i></p> <ul style="list-style-type: none"> <li>• Repeat Breast Conservation therapy: USA experience - <i>Rakesh Patel (USA)</i></li> <li>• Brachytherapy re-irradiation: European experience- <i>Jean Michel Hannoun-Levi (FR)</i></li> </ul>	<p><b>Physics Proffered Papers Session 3</b>  <i>Moderators: TBC and Ronald Sloboda (CA)</i></p>
<b>16:10-17:10</b>	<p>Introduction: <i>Juanita Crook (CAN)</i></p> <p>One hundred years of prostate brachytherapy – <i>Jesse Aronowitz (USA)</i></p>	
<b>17:10</b>	<b>World Congress Adjourns</b>	