

# IEL Conference Radiotherapy Physics and Radiotherapy Morning Agenda

TIME	WEDNESDAY 21 <sup>st</sup> June	THURSDAY 22 <sup>nd</sup> June
8.30 - 9.00	<b>REGISTRATION AND COFFEE</b>	
9.00 - 9.10	<b>Introduction</b> Nick Stevens Managing Director IEL	
9.10 - 10.10	<b>Striving for performance excellence</b> Dr Steve Bull Chartered Psychologist	
10.10 - 10.40	<b>Pre-conditions and hurdles of setting up a MRI-guided Radiotherapy program</b> Professor Frank Lagerwaard Radiation Oncologist, MD,PhD VU University Medical Centre / VUmc Cancer Centre Amsterdam	<b>Practical implementation of MRI-guided Radiotherapy pancreatic SBRT as an example site</b> Professor Anna Bruynzeel, VUmc Radiation Oncologist VU University Medical Centre / VUmc Cancer Centre Amsterdam
10.40 - 11.10	<b>Bridging the gap and introducing MRI-guided Radiotherapy into a busy NHS centre</b> UK Oncologist TBC	<b>Pre-conditions and hurdles of setting up a MRI-guided Radiotherapy program</b> Professor Frank Lagerwaard Radiation Oncologist, MD, PhD VU University Medical Centre / VUmc Cancer Centre Amsterdam
11.10 - 11.40	<b>COFFEE</b>	
11.40 - 12.10	<b>Practical implementation of MRI-guided Radiotherapy pancreatic SBRT as an example site</b> Professor Anna Bruynzeel, VUmc Radiation Oncologist VU University Medical Centre / VUmc Cancer Centre Amsterdam	<b>Why 6 DOF is important in today's therapy world</b> Chris Winter Chief Radiation Therapist Graubuenden State Hospital
12.10 - 12.30	<b>An integrated QA platform applied throughout the treatment course</b> Dr Andrew Reilly Head of Radiotherapy Physics Western Health and Social Care Trust	<b>Generating patient related outcome data using a smart phone/tablet application</b> Speaker TBC
12.30 - 12.50	<b>Triggering adaptive interventions for head and neck Radiotherapy</b> Rob Biggar Senior Clinical Scientist (Radiotherapy Physicist) Clatterbridge Cancer Centre NHS Foundation Trust	<b>Positioning and setup of a patient using surface rendering</b> Josephine Clorley Senior Physicist Proton Partners International Limited
12.50 - 14.00	<b>LUNCH</b>	

# IEL Conference Radiotherapy Physics and Radiotherapy Afternoon Agenda

TIME	WEDNESDAY 21 <sup>st</sup> June	THURSDAY 22 <sup>nd</sup> June
14.00 - 14.30	<b>Update: MRI-Linac technology</b> Professor Andrew Beavis Consultant Medical Physicist and Head of Radiation Physics Hull and East Yorkshire Hospitals NHS Trust	<b>The patient friendly and effective tool to precisely treat brain tumours (SRS)</b> Chris Winter Chief Radiation Therapist Graubuenden State Hospital
14.30 - 14.50	<b>Implementing and using SNC Machine Automated TG-142 Solution</b> Nicola Mullins Clinical Scientist Lincoln County Hospital	<b>Immobilisation for SRS: Initial evaluation and treatment audit of the first 20 patients</b> James Osborne Lead Clinical Technologist Nottingham University Hospitals NHS Trust Anna Bangiri SRS Lead Principal Radiotherapy Physicist Nottingham University Hospitals NHS Trust
14.50 - 15.10	<b>Redefining treatment plan quality</b> Greg Robinson Clinical Product Marketing Manager Sun Nuclear Corporation	<b>Implementation of abdominal compression for pancreatic SABR (SPARC)</b> Peter Enever Radiotherapy Advanced Practitioner Leeds Teaching Hospital NHS Trust
15.10 - 15.30	<b>Experience of MU Verification for 10FFF SABR</b> Peter Houston Principal Physicist The Beatson West of Scotland Cancer Centre	<b>Next generation Breastboard, allowing all patients to be treated</b> Patricia Hough Acting Deputy Radiation Therapy Services Manager Mid-Western Regional Hospital, Limerick
15.30 - 16.00	<b>COFFEE</b>	
16.00 - 16.20	<b>A paradigm shift: the use of a circular plotting tank</b> Andrea Girardi Medical Physicist Radiotherapy Oncology Center Radiotherapy University Brussels	<b>Initial experiences of using abdominal compression for abdominal (Liver and Adrenal) SABR</b> Claire Bode Technical Lead Practitioner for Radiotherapy Queen Elizabeth Hospital, Birmingham
16.20-16.40	<b>ArcCheck – Implementation to use on demand – clinical pathway</b> Andiappa Sankar Head, Dosimetry Section, Oncology Physics Department Edinburgh Cancer Centre	<b>Implementation of a non-OEM machine vendor specific couch top</b> Dr Keith Langmack Head of Radiotherapy Physics Nottingham University Hospitals NHS Trust
16.40-17.00	<b>Implementing an end-to end verification head phantom for MRI QA and SRS QA</b> Anna Bangiri SRS Lead Principal Radiotherapy Physicist Nottingham University Hospitals NHS Trust	<b>Advantages of prone breast treatments in a generally resistive NHS environment</b> Emma Orchard and Paula Jones Lead Dosimetrist Peterborough City Hospital
17.00	<b>CONFERENCE CLOSE</b>	