

# IPEM Radiotherapy Biennial Meeting – Draft programme

2<sup>nd</sup>-3<sup>rd</sup> July 2025

Birmingham Conference & Events Centre, Birmingham

## Wednesday 2<sup>nd</sup> July Session 1

Start	Finish	
12:00	13:00	Registration & Lunch
13:00	13:10	<b>Welcome and Introductions</b> Greg, Martyn, Lucy - RT SIG
13:10	13:30	<i>IPEM Task &amp; Finish group on Breast &amp; IMC Plan robustness</i> Andrew Bird, Worcestershire Acute Hospitals NHS Trust
13:30	13:45	<i>Suitability of Varian's Hypersight CBCT dose calculation for the application of prostate re-planning</i> James Earley, Royal Surrey FT Hospital
13:45	14:00	<i>Auto-generated Radiotherapy Plan Quality: A Comparison of Ethos v2.0 and v1.1 for Head and Neck Cancer Treatment</i> Polly Darby, NHS Grampian
14:00	14:15	<i>VCC experience in treatment of breast patients on Varian Halcyon linacs.</i> Dominic Rafferty, Velindre University NHS Trust
14:15	14:30	<i>End to End dosimetric verification for multi isocentre limb VMAT delivery on a Truebeam Linac</i> Katie Hughes-D'Aeth, Guys Hospital - GSTT NHS Foundation Trust
14:30	14:45	<i>A RapidPlanPT Model for Craniopharyngioma Proton Beam Therapy Treatment Planning</i> Rachel Gordon, University College London Hospitals NHS Foundation Trust
14:45	15:00	<i>Commissioning and Implementation of TBI on Eclipse</i> Debbie Mockridge, University College London Hospital
15:00	15:30	<b>Coffee</b>

# IPEM

Organised by IPEM's Radiotherapy Special Interest Groups  
Programme and timings subject to change

[ipem.ac.uk](http://ipem.ac.uk)



# IPEM Radiotherapy Biennial Meeting – draft programme

2<sup>nd</sup>-3<sup>rd</sup> July 2025

Birmingham Conference & Events Centre, Birmingham

Wednesday 2<sup>nd</sup> July  
Session 2

15:30	16:00	TBD Emma Hall
16:00	16:20	<i>Ultra-hypofractionated radiotherapy to the stellate ganglia for ventricular arrhythmia using MR-guided radiotherapy – pre-trial commissioning</i>  Maxwell Robinson, Oxford University Hospitals NHS Trust
16:20	16:35	<i>Determination and use of patient curvature correction factors in electron MU calculations (or when is it too curvy to calculate)</i>  Neil Richmond, Northern Centre for Cancer Care, Newcastle upon Tyne
16:35	16:55	<i>Diffusing alpha-emitters Radiation Therapy – the role of the Radiotherapy Physicist</i>  Diane Whitney, Cambridge University Hospitals NHS Foundation Trust
16:55	17:00	Wrap Up and evening activity

# IPEM

Organised by IPEM's Radiotherapy Special Interest Groups  
Programme and timings subject to change

[ipem.ac.uk](http://ipem.ac.uk)



# IPEM Radiotherapy Biennial Meeting – Draft programme

2<sup>nd</sup>-3<sup>rd</sup> July 2025

Birmingham Conference & Events Centre, Birmingham

Thursday 3<sup>rd</sup> July  
Session 1 & 2

09:00	09:30	Registration
09:30	09:35	<b>Welcome and Introductions</b> Prog Lead
09:35	10:05	<i>Discovery, validation and clinical translation of a new radiotherapy organ at risk</i> <b>Alan McWilliam</b>
10:05	10:20	<i>Epistemic and aleatoric uncertainty in dose prediction models</i> Anthony Carver, University Hospitals Birmingham NHS Foundation Trust
10:20	10:35	<i>Auto-segmentation of Head and Neck Cancer nodal GTVs using an institutional in-house segmentation pipeline</i> Victoria Butterworth Guy's and St Thomas' NHS Foundation Trust
10:35	10:40	<i>Local validation and retrospective impact assessment of AI auto-contouring in radiotherapy</i> Lawrence Gilfrin, Royal Berkshire NHS Foundation Trust
10:40	11:10	<b>Coffee Break</b>
11:10	11:25	<i>A UK audit of TPS calculation of dose to medium in radiotherapy</i> Joe Whitbourn, South Tees Hospitals NHS Foundation Trust
11:25	11:40	<i>RT SIG update</i> Greg Smyth, Chair - RT SIG
11:40	12:25	Interactive Discussion  Martyn Gilmore, RT SIG/The Clatterbridge Cancer Centre NHS Foundation Trust; Lucy Faulkner, RT SIG/Swansea Bay UHB
12:25	12:40	<i>Developing a Career Pathway for Dosimetrists</i> Nicky Whilde, Mid and South Essex Foundation Trust
12:40	14:00	<b>Lunch</b>

Organised by IPEM's Radiotherapy Special Interest Groups

Programme and timings subject to change

# IPEM

[ipem.ac.uk](http://ipem.ac.uk)



# IPEM Radiotherapy Biennial Meeting – Draft programme

2<sup>nd</sup>-3<sup>rd</sup> July 2025

Birmingham Conference & Events Centre, Birmingham

Thursday 3<sup>rd</sup> July  
Session 3

14:00	14:30	Proton Code of Practice (TBC) TBC
14:30	14:50	IPEM topical report: guidance for the use of linac manufacturer integrated quality control. Michael Pearson, Guys and St Thomas' Hospital
14:50	14:55	Quantifying the Geometrical uncertainties involved in End-to-End Testing Harry Bennion, The Royal Marsden NHS Foundation Trust
14:55	15:00	<i>Impact of photon beam profile optimisation between matched Linacs, demonstrated via Patient Specific Quality Assurance (PSQA) using 3D gamma analysis</i> Joanna Cruise, Royal Berkshire Hospital NHS
15:00	15:05	<i>Developing In-House Software to Audit Treatment Verification Imaging in Radiotherapy</i> Nabihah Rahman, Imperial College Healthcare NHS Trust
15:05	15:10	<i>The Development of an MRI Imaging Protocol for Pancreatic Radiotherapy Planning</i> Kirsty Brown, NHS Greater Glasgow & Clyde

# IPEM

Organised by IPEM's Radiotherapy Special Interest Groups  
Programme and timings subject to change

[ipem.ac.uk](http://ipem.ac.uk)

