

IPEMs Southwest MPCE Conference: Tuesday 7th July 2026 AM

Start Time	Finish Time	Main Room	Breakout 1	Breakout 2
08:45	09:15	Arrival & Registration		
09:15	09:25	Opening, Housekeeping & Host Welcome		
09:25	10:00	Innovation and the 10-year plan <i>Mark Knight, IPEM president</i>		
10:00	10:20	Can synthetic CT scans replace repeat planning CT scans in the creation of clinically acceptable radiotherapy replans? <i>Rosalinda Vanc, University Hospitals Bristol and Weston NHS FT</i>	Clinical Engineering STP curriculum, <i>Brett Cohen, University Hospitals Bristol and Weston NHS FT</i>	Evaluating the Feasibility of OpenREM for Dose Audit Automation in a Multi-Centre NHS Trust. <i>Harry Weatherhead-Featherston, Royal Devon University Healthcare NHS FT</i>
10:20	10:40	Evaluating the use of surface guided radiotherapy (SGRT) systems for machine-specific quality control. <i>James Michael Bucag, Torbay and South Devon NHS FT</i>	A new risk profiling tool for medical equipment replacement prioritisation. <i>Louise Way, Oxford University Hospitals NHS FT</i>	The development of a local testing methodology for Automatic Tube Current Modulation (ATCM) in Computed Tomography (CT). <i>Tobias Woodford, University Hospitals Bristol and Weston NHS FT</i>
10:40	11:00	Measurement of CTDI _w on CBCT systems according to the revised standards IEC 60601-2-44-A1 and IEC 60601-2-68. <i>Niamh Sanderson, University Hospitals Bristol and Weston NHS FT</i>	Medical Device Regulations: a clinical engineering perspective. <i>Richard Scott, University Hospitals Bristol and Weston NHS FT</i>	Evaluation of Device Composition and Imaging Modality in the Visualisation of Intrauterine Contraceptive Devices - A Pilot Study. <i>Morgan Strauss, University Hospitals Bristol and Weston NHS FT</i>
11:00	11:30	Break		
11:30	11:45	A Local First Mobile Journaling Tool to Support STARR Based Reflective Evidence Collection for Healthcare Professionals. <i>Nifesii Fatile, Salisbury NHS FT</i>		
11:45	12:00	An emerging role for radiotherapy physicists: can they help lower patient anxiety? <i>Charlie Martin, University Hospitals Dorset NHS FT</i>		
12:00	12:15	SAPPHIRE workshop - Experiences from Linac training for Medical Physicists in Ghana. <i>Torsten Liebig, Royal Devon University Healthcare NHS FT</i>		
12:15	12:30	Lightening Talks		
12:30	13:30	Lunch, Exhibition and Networking		

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12:30	13:30	Lunch, Exhibition and Networking	
13:30	14:10	The Science of Animation, <i>David Sproxton, Aardman</i>	
14:10	14:30	The impact of practice educators in Clinical Engineering. <i>Alyte Podvoiskis, University College London Hospitals NHSFT</i>	Assessing clinical feasibility of mid-treatment dose re-calculation utilising synthetic CT images generated from daily CBCT imaging, <i>Harrison Greenwood, Royal United Hospitals Bath NHS FT</i>
14:30	14:50	Reflective Practice for MPCE Training, <i>Holly Elbert, University Hospitals Bristol and Weston NHS FT</i>	AlphaGlue, <i>Lujin Abu Sabah, University of Bristol</i>
14:50	15:10	Neurodivergence in Medical Physics & Engineering, <i>Pippa Dunbar, University of the West of England</i>	
15:10	15:40	Break	
15:40	16:20	Safe AI in Healthcare: It Takes Data, Teams and Trust, <i>Emma Lewis, Royal Surrey NHS FT</i>	
16:20	16:30	In-House 3D Virtual Surgical Planning in the NHS: What's Working, What's Still Hard	
16:30	16:45	Discussion & Close	

Lightening Talks and Posters

Lightening Talks

Characterisation and Evaluation of a Novel Daily Quality Assurance Device for Linear Accelerators, *Jasmin Aziz, Royal Devon University Healthcare FT*

Design of a Multilayer Polystyrene Box Phantom for Dose Mapping and Verification using Gafchromic Film Dosimetry in Nuclear Medicine Application, *Tengku Mohammad Yoshandi, University of Exeter*

Posters

A non-toxic, 3D printed alternative to low melting point alloys for electron radiation therapy collimation, *Andrew Stamp, GHNNHSFT*

Investigation into the inconsistency between RayStation and myQA iON 6MV dose calculations, *Benjamin Sookrah, UHBW, BHOC Radiotherapy Department*

Assessment and optimisation of stereotactic ablative radiotherapy plan complexity using an aperture-based plan complexity metric, *Chris Stepanek, University Hospitals Bristol and Weston NHS Foundation Trust*

Investigating the modulation of intra and inter-muscular coherence during targeted stepping in healthy participants, *Megan Kenny, University Hospitals Plymouth*