

IPEMs Southwest MPCE Conference: Tuesday 7th July 2026

Start Time	Finish Time			
08:45:00	09:15:00	Arrival & Registration		
09:15:00	09:25:00	Opening, Housekeeping & Host Welcome		
09:25:00	10:00:00	Innovation and the 10-year plan Mark Knight, IPEM president		
10:00:00	10:20:00	Can synthetic CT scans replace repeat planning CT scans in the creation of clinically acceptable radiotherapy replans? Rosalinda Vanc, UHBW	The impact of practice educators in Clinical Engineering	Evaluating the Feasibility of OpenREM for Dose Audit Automation in a Multi-Centre NHS Trust. Harry Weatherhead-Featherston, Royal Devon University Healthcare NHSFT
10:20:00	10:40:00	Evaluating the use of surface guided radiotherapy (SGRT) systems for machine-specific quality control. James Michael Bucag, Torbay and South Devon NHSFT	A new risk profiling tool for medical equipment replacement prioritisation	The development of a local testing methodology for Automatic Tube Current Modulation (ATCM) in Computed Tomography (CT). Tobias Woodford, University Hospitals Bristol and Weston NHSFT
10:40:00	11:00:00	Measurement of CTDI _w on CBCT systems according to the revised standards IEC 60601-2-44-A1 and IEC 60601-2-68. Niamh Sanderson, University Hospitals Bristol and Weston NHSFT	Medical Device Innovation and Standards. Richard Scott, University Hospitals Bristol and Weston NHSFT	Proffered Paper (TBC)
11:00:00	11:30:00	Break		
11:30:00	11:45:00	A Local First Mobile Journaling Tool to Support STARR Based Reflective Evidence Collection for Healthcare Professionals. Nifesii Taile, Salisbury NHSFT		
11:45:00	12:00:00	An emerging role for radiotherapy physicists: can they help lower patient anxiety? Charlie Martin, University Hospitals Dorset		
12:00:00	12:15:00	SAPPHIRE workshop - Experiences from Linac training for Medical Physicists in Ghana. Torsten Liebig, Royal Devon University Healthcare NHSFT		
12:15:00	12:30:00	After the MSc project: The importance of building on research skills in MPCE roles. Gemma Greenfinch, Royal Devon University Hospitals		
12:30:00	12:45:00	Lightening Talks		
12:45:00	13:45:00	Lunch, Exhibition and Networking		
13:45:00	14:25:00	The Perception of Animation, David Sproxtton, Ardman		
14:25:00	14:45:00	AlphaGlue. Lujin Abu Sabah, University of Bristol	Clinical Engineering and Imaging - Current Issues and Developments	
14:45:00	15:05:00	Proffered Talk (TBC)		
15:05:00	15:25:00	Design and Performance Evaluation of a Novel Hybrid Transmission Ionisation Chamber-Calorimeter for Dose-Rate Independent Dosimetry in UHDR-RT. Samuel Flynn, National Physical Laboratory Management Ltd		
15:25:00	15:55:00	Break		
15:55:00	16:35:00	Safe AI in Healthcare: It Takes Data, Teams and Trust, Emma Lewis, Royal Surrey NHSFT		
16:35:00	16:45:00	In-House 3D Virtual Surgical Planning in the NHS: What's Working, What's Still Hard		
16:45:00	17:00:00	Discussion & Close		



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