

South West Regional MPCE Meeting

6th June 2024 – Blackfriars Priory, Gloucester

Morning

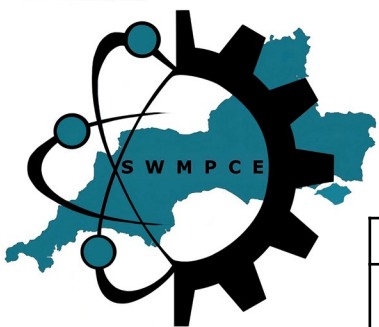
	North Range	Upper East Range
09:00 - 09:15	Welcome and opening remarks	
09:15 - 09:45	Guest Speaker - Helen Meese, The Care Machine	
	Move to separate rooms	
	Technology	Training & Education Session
10:00 - 10:15	<i>Smart belt design for monitoring falls, posture and basic physiological parameters in the community</i>	<i>Reflective Practice Workshops</i>
	Azzam Taktak, University Hospitals Bristol and Weston NHS Foundation Trust	James Willsmore, Royal Cornwall Hospitals NHS Trust
10:15 - 10:30	<i>Enhancing Medical Physics Operations with ChatGPT 4.0 Today: Capabilities and Considerations</i>	<i>SW MRI Non-Ionising Training, Sharing Resources</i>
	William Crede, Royal Devon University Healthcare NHS Foundation Trust	Holly Elbert, University Hospitals Bristol and Weston NHS FT
10:30 - 10:45	<i>Use of a 3-D Printer in Medical Physics and Clinical Engineering - A money maker/saver for your Trust?</i>	<i>Experience, guidance and feedback on the Higher Specialist Scientist Training (HSST) final Independent Assessment of Professional Skills (IAPS) process</i>
	Jonathan Fowler, Dorset County Hospital	Paul Evans, Royal Devon University Healthcare NHS FT
10:45 - 11:00	<i>Update on the RaPIDE study (RAman Probe for In vivo Diagnostics (during oesophageal) Endoscopy</i>	<i>Curriculum changes in Nuclear Medicine & DR Physics - What is the difference</i>
	Catherine Kendall, Gloucestershire Hospitals NHS Foundation Trust	David Hall, University Hospitals Bristol and Weston NHS FT
11:00 - 11:30	Break	

IPEM

Programme subject to change

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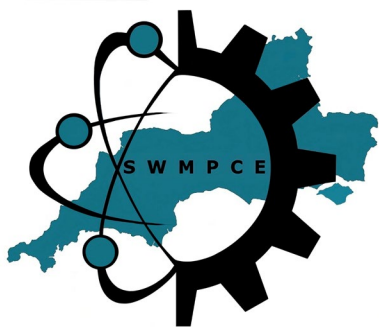
Morning

	Imaging	Training & Education Session cont'd
11:30 - 11:45	<i>Development of phantoms and a quality assurance protocol for a multi-centre abbreviated magnetic resonance imaging breast study.</i>	<i>IPEM Training Schemes</i>
	Sian Curtis, University Hospitals Bristol and Weston NHS Foundation Trust	
11:45 – 12:00	<i>Uses and misuses of statistics</i>	
	Azzam Taktak, University Hospitals Bristol and Weston NHS Foundation Trust	Lauren Harrison and Afsana Choudhury, IPEM Training Team
12:00 – 12:15	<i>Image quality to dose optimisation in real time fluoroscopy using light output method – a feasibility study</i>	<i>The National School's Training and Work-Based Assessment Standards</i>
	Roshan Livingstone, Royal Devon University Healthcare NHS FT	
12:15 – 12:30	<i>X-ray field sizes, a marginal problem?</i>	
	Nathan Kimball-Smith, University Hospitals Plymouth NHS Trust	Chris Fisher and Sally Clees, NSHCS
12:30 - 13:45	Lunch, networking & Exhibition	

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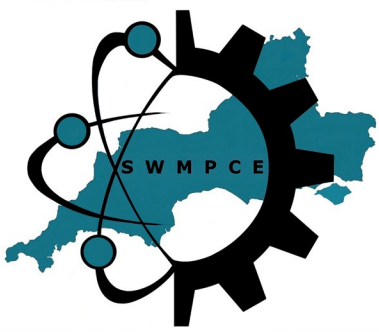
Afternoon

13:45 - 14:15	<i>Equity in Medical Devices</i>	
	Jon Ensor and Steven Johnson, University of York	
Move to separate rooms		
	Technology	Nuclear Medicine
14:15 - 14:30	<i>Is there a role for non-UKCA marked smart technology in the modern NHS?</i>	<i>Refinement of IRAT2 – ‘Up Sewage Works Creek’</i>
	Alexandra Hendon, University Hospitals Bristol and Weston NHS Foundation Trust	Chloe Trevail, Royal Cornwall Hospital NHS Trust
	Radiotherapy	
14:30 - 14:45	<i>Analysis of independent dose calculation and measurement systems in clinical use for patient specific quality assurance.</i>	<i>Optimising bone scans using SwiftScan technology</i>
	Olga Toumanidou, University Hospitals Bristol and Weston NHS FT	Ania Jasko, Gloucestershire Hospitals NHS FT
14:45 - 15:00	<i>Is the use of RapidPlan™. Model for lung SABR dosimetrically and practically viable at the local centre?</i>	<i>Reviewing a Major Incident Plan for Contaminated Casualties from a Naval Base</i>
	Sarah Weeks, Royal Devon University Healthcare NHS FT	Katharine Thomson, University Hospitals Plymouth NHS Trust
15:00 - 15:15	<i>Oncology Workshop Clinac Maintenance Management</i>	<i>Experience of completing of a Safety Assessment for Administration of Radioactive Substance</i>
	Jon Roberts, Cheltenham General Hospital	Kate de Burgh, Torbay and South Devon NHS Foundation Trust
15:15 - 15:45	Break	
15:45 - 16:15	Brunel innovation model, International Standards and Accreditation - Richard Scott	
16:15 - 16:30	Closing Remarks	

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Posters

Posters:

A Comparison Study: Can Cervical Plans in Brachytherapy be Improved Using HIPO Over Forward Techniques

Kay Pile, Royal Devon University Healthcare NHS FT

Preliminary Approach to Standardise Common Radiological Protocols in General Radiography

Oliver Escott, Royal Devon University Healthcare NHS Foundation Trust

Validation of Eclipse eMC Using Bespoke 3D Curved Phantoms for Electron Radiotherapy

Priscila Paez, University Hospitals Dorset NHS Foundation Trust