

Programme - Monday 12 October - Morning

TIME	AGENDA	
08:30–09:30	Arrival & Registration	
09:30–09:45	Welcome	
09:45–10:30	John Mallard Lecture	Leadership in Healthcare Science: Courage and Compassion Dr Heather Williams - The Christie
10:30–11:00	Refreshments & Exhibition	
11:00–12:05	Future of Medical Physics & Engineering	The NICE Health Tech assessment process and evidence generation for early use assessments Helen Chamberlain, National Institute for Health and Care Excellence (NICE)
		From Organ-on-Chip to Early Detection: Capturing the Microbiome's Response to Disease Dr Raveen Tank — Physics of Life
		IR Digital Staining: Revolutionising the Histopathology Workflow James Ingham — Physics of Life
		Future of Medical Physics & Engineering Q&A
12:05–13:05	Exhibition & Lunch	

Programme - Monday 12 October - 13:05 sessions

TIME	SESSION	PRESENTATION	SPEAKER · INSTITUTE
13:05–14:20	Engineering Systems & Design	Transforming difficult airway planning using point-of-care 3D design and manufacture	Mr Prawin Samraj — Northern Care Alliance NHS Foundation
		Workshop: The proactive clinical engineer's toolkit	Prof Richard Scott — Citizen Medtech Ltd
13:05–14:20	Research & Innovation	Quantifying Right Ventricular Mechanics Using Pressure–Volume Loop Analysis in Patients Undergoing Balloon Pulmonary Angioplasty	Miss Amy Edwards — Cambridge University Hospitals
		Acoustic noise reduction techniques for paediatric proton beam therapy planning	MR Physicist Joe Bradley — The Christie NHS Foundation Trust
		An emerging role for radiotherapy physicists: can they help lower patient anxiety?	Charlie Martin — University Hospitals Dorset
		Automation of dosimetric audit of cervix radiotherapy	Dr Matthew Bolt — Royal Surrey NHS Foundation Trust
		A regional planning audit using Elekta Proknow	Mr Connor Creasey — Mid and South Essex NHS Foundation Trust
13:05–14:20	Workforce Transformation	Undertaking the NHSE London Workforce Planning and Transformation Masterclass Programme: A Case Study in Medical Physics	Dr Sarah Peel — Guy's and St Thomas' NHSFT
		Reflections on a university and employer collaboration to develop a new funded structured pathway to clinical scientist registration.	Dr Sarah Peel — Guy's and St Thomas' NHSFT
		Modernising an MSc in Medical Physics – Complementing an academic curriculum with foundation professional skills	Dr Silvia Pani — University of Surrey
		Stronger Together: A Light-Touch Regional Approach to Training Capacity and Retention in Medical Physics	Mr Alex Goodall — Sheffield Teaching Hospitals NHS Foundation Trust

Programme - Monday 12 October - 14:20 sessions

TIME	SESSION	PRESENTATION	SPEAKER · INSTITUTE
14:20–15:15	Applied Radiotherapy	Investigating Dose Accumulation for Reirradiations Using Single Point and 3D Biological Doses for D(max) and Volume Dose Constraints	Mr Dexter Deaville — The Royal Marsden Hospital
		Investigating improvements in radiotherapy treatment planning and checking training to address increasing staffing pressures, workload complexity and introduction of AI	Mrs Emma Wilson — North West Anglia NHS Foundation Trust
		Applied Radiotherapy Q&A	Mr Oliver Steel — Imperial College Healthcare NHS Trust
14:20–15:15	Engineering Safety & Governance	Quantifying medical device risk for replacement planning	Dr Louise Way — Oxford University Hospitals NHS Foundation Trust
		Strengthening Clinical Engineering Services Through Accreditation: The Role of BS 70000	Miss Stella Otomewo — Cambridge University Hospitals NHS Foundation Trust
14:20–15:15	Leadership & Workplace Culture	Subconscious cognitive bias in radiotherapy linac fault diagnosis: a survey of UK radiotherapy engineers	Mr Mohamed Madani — Maidstone and Tunbridge Wells NHS Trust
		Visible, Influential, Trusted: Physics and Engineering Professionals as System Leaders	Mark Knight — NHS Kent and Medway
		Thinking of becoming a Head of Department	Mr Jonny Lee — University Hospitals Dorset
15:15–15:45	Afternoon Refreshments & Exhibition		

Programme · Monday 12 October · Afternoon & Evening

TIME	AGENDA
15:45–16:05	The Multi-Generational Workforce Challenge in Healthcare Science Dr Fiammetta Fedele — Barts Health NHS Trust
16:05–17:00	Panel of Experts: Medical Physics and Clinical Engineering 2035 – Reimagining Science, Technology and Healthcare Chaired by Professor Chris Hopkins — Academy for Healthcare Science
18:40–23:00	NPL & IPEM Reception and Conference Dinner

Programme - Tuesday 13 October - 09:30 sessions

TIME	SESSION	PRESENTATION	SPEAKER · INSTITUTE
09:30–10:30	Trainee, Student, Apprenticeship & Early Career Forum	Development of a Simple In-House Phantom for Ultrasound Uniformity QA: A Pilot Study	Mr Barnaby Chapman — Imperial College Healthcare NHS Trust
		Investigation into the use of Clarity 2D planar processing and its effects on image quality in nuclear medicine	Miss Becky King — East Kent Hospitals University NHS FT
		Cone-Beam and Conventional CT Scanners in Dental and Maxillofacial Applications: A Quantitative Phantom Comparison	Rahaf Alsadi — University Hospitals Dorset
		Early Career Survey Results	Lauren Knight — IPEM
09:30–10:30	Radiation Protection & Regulation	NHS.net for automation, collaboration, and records management	Richard Raynor — University Hospitals of Leicester NHS Trust
		Automation in RP Q&A and Discussion	Dr Lisa Rowley — University Hospitals Coventry and Warwickshire NHS Trust
09:30–10:30	Workforce	Clinical Engineering succession planning and strategic workforce expansion initiatives within NHS	Dr Vivek Indramohan — The Royal Wolverhampton NHS Trust – Newcross Hospital
		National Perspectives on Medical Physics Training	Emma Bowers — National School of Healthcare Science
		IAPs as part of HSST Workshop	Owen Driskel — National School of Healthcare Science
		Workforce Q&A	Professor Stephen Keevil — King's College London

Programme · Tuesday 13 October · Morning

TIME	AGENDA	
11:00–13:00	Implementing Innovation in Practice	Industry Showcase: OSL innovation in Practice Dr Rob Julian — Oncology Systems Limited
		Industry Showcase: Xiel Innovation in Practice Dr Jordan Taylor — Xiel
		Writing a Business Case and Technology Validation Samantha Warren — Velindre Cancer Service
		Scaling stereotactic, AI auto-contouring, and adaptive radiotherapy across a large multi-centre network: aligning automation with education and competency Mr Anthony Walsh — Icon Group
		Supporting the Safe and Effective Use of Medical Technologies in the Community Mr Freddie Wright — United Lincolnshire Teaching Hospitals NHS Trust
		Implementing Innovation in Practice Q&A
14:00–14:30		Lunch and Exhibition

Programme · Tuesday 13 October · Afternoon & 14:30 sessions

TIME	AGENDA		
14:00–14:30	Lunch and Exhibition		
14:00–14:30	Clinical Engineering: Launching the Manifesto Professor Richard Scott — Citizen Medtech Ltd		
TIME	SESSION	PRESENTATION	SPEAKER · INSTITUTE
14:30–15:10	Engineering Practice Deep Dive	Right to Repair for Medical Devices in the UK: A Future-Skills Agenda for Safe, Sustainable and Resilient Healthcare	Dr Victoria Kidgell — Sheffield Teaching Hospitals NHS Foundation Trust
		The impact of regional practice educators in Clinical Engineering	Dr Louise Way — Oxford University Hospitals NHS Foundation Trust
14:30–15:10	Medical Physics	From “I Hope This Works” to “I Know This Works”: Confidence Through Medical Physics Simulation	Mrs Frances Bird — Worcestershire Acute Hospitals NHS Trust
14:30–15:10	Technologists	Clinical Technologist Training Scheme & Supporting pre-registration Clinical Technologists	Lauren Knight — IPEM
15:10 –15:40	Exhibition and Refreshments		

Programme · Tuesday 13 October · Afternoon & Closing

TIME	AGENDA
15:10 –15:40	Exhibition and Refreshments
15:40–16:10	IPEM Woolmer Lecture: Beyond Boundaries – Where science changes lives Professor Chris Hopkins — Academy for Healthcare Science
16:10–16:55	MHRA: From Digital Healthcare to an Intelligence-Driven Health System – The Capabilities and People We Will Need Next Mr Jason Bonander — Medicines and Healthcare products Regulatory Agency
16:55–17:00	Conference Closing & Discussion