

## Day One

# Ultrasound & Optical Radiation Symposium

Tuesday 11<sup>th</sup> & Wednesday 12<sup>th</sup> March 2025 - London

09:00	09:45	Registration			
<b>Session 1</b>		<b>Topic: Research and Development</b>		<b>Session 3</b>	<b>Topic: QA</b>
09:45	10:00	<b>Hello, and Welcome</b> Sarah Matthews, East Kent Hospitals University NHS Foundation Trust		13:50	14:20 <b>Invited speaker - Report 70 Update</b> Prashant Verma, Sheffield Teaching Hospitals NHS Trust
10:00	10:20	<b>Acoustic Characterisation of the International Electrotechnical Commission (IEC) Agar-based Tissue Mimicking Material Under Freeze-Thaw Cycles for Ultrasound Test Objects</b> Agathe Bricout, University of Edinburgh		14:20	14:50 <b>Report 70 questions and Report 102 update and questions/feedback (interactive session)</b> All
10:20	10:40	<b>Characterisation of a novel tissue mimicking material for fabrication of ultrasound flow phantoms of pre-clinical dimensions</b> Yi Zheng, University of Edinburgh		15:50	15:20 <b>Qualitative review of an ultrasound QA feedback survey sent to imaging departments within our service.</b> Eloise O'Sullivan, University Hospital Sussex Foundation Trust
10:40	11:00	<b>Synthetic Spheres: Modelling Anechoic Lesion Detectability with a Uniformity Phantom</b> Ted Lynch, Sun Nuclear Corporation		15:20	15:40 <b>Coffee</b> Networking, Exhibitors, Posters
11:00	11:30	<b>Coffee Break</b> Networking, Exhibitors, Posters		<b>Session 4</b>	
<b>Session 2</b>				15:40	16:00 <b>Early experiences using a prototype random low echo sphere (voids) tissue mimicking test object.</b> Kevin Munson, Sheffield Teaching Hospitals NHS Trust
11:30	12:00	<b>Super-Resolution Ultrasound Imaging: Technical Challenges and Opportunities</b> Jaime Parra Raad, KCL		16:00	16:20 <b>Development and Application of a Flow Phantom for Verifying the Accuracy of Transcranial Doppler (TCD) Ultrasound Systems</b> Justyna Janus, University Hospitals of Leicester
12:00	12:20	<b>Comparison of Point Shear-Wave Elastography and 2D Shear-Wave Elastography: a phantom study</b> Ioana Pinzaru, Guy's & St Thomas' NHS Foundation Trust		16:20	16:40 <b>Verification and integrity checks on a commercial Doppler flow phantom</b> David Rowland, The Christie
12:20	12:40	<b>Progress Report: Non Ionising Scope of Practice for Clinical technologists</b> Jane Brown, Belfast Health & Social Care Trust		16:40	16:50 <b>Closing remarks</b> Sarah Matthews, East Kent Hospitals University NHS Foundation Trust
12:40	13:50	<b>Lunch break</b> Networking, Exhibitors, Posters			

NB: Programme subject to change  
Hosted in conjunction with IPEM UNIR SIG

## Day Two

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Tuesday 11<sup>th</sup> & Wednesday 12<sup>th</sup> March 2025 - London

09:00 09:30 Registration

### Session 1

09:30 09:40 **Hello, and Welcome**

Natalie Bales, NHS Somerset NHS Foundation Trust

09:40 10:10 **How would you support deployment of Far-UVC in your hospital?**

Ewan Eadie, NHS Tayside

**A Blueprint for Far-UVC in Healthcare: Air Quality Considerations,**

10:10 10:30 **Research Priorities and Practical Guidelines**

James Montavon, Blueprint Biosecurity

10:30 11:00 **Coffee Break**

Networking, Exhibitors, Posters

### Session 2

11:00 11:30 **Review of UVA-1 Phototherapy and Equipment Procurement Options**

Grace A Aneju, Guy's and St Thomas' NHS Foundation Trust & Jason Britton, Leeds Teaching Hospital

**Investigating Photoprotective Properties of Common Fabrics from**

11:30 11:50 **Popular UK Retail Stores**

Rebecca Meehan, University of St Andrews

**Assessment of Ultraviolet Radiation Doses from Hand and Foot units.**

11:50 12:00 **Are spot measurements satisfactory?**

Jason Britton on behalf of Caroline Marshall, Leeds Teaching Hospital

### Session 2 Continued

**Comparison of the efficacy and safety of the MED test with the Fitzpatrick scale for assessing the initial dose of UVB treatment in patients.**

12:00 12:10 Justyna Janus, University of Leicester

12:10 12:20 **An investigation into eye protection for patients receiving PUVA therapy**

Mingkai Wang, University of Dundee

12:20 12:30 **Normal erythema ranges in diagnostic phototesting**

Ewan Eadie, NHS Tayside

12:30 13:50 **Lunch break**

Networking, Exhibitors, Posters

### Session 3

**BAUS and BMLA recommendation on the use of protective eyewear in**

13:50 14:10 **Endourological laser procedures**

Jason Britton, Leeds Teaching Hospital

14:10 14:40 **Upcoming Regulatory Changes for Cosmetic Laser Treatments**

Tom Lister, Somerset NHS Foundation Trust

14:40 15:20 **Open Floor: Optical Discussion and Q&A**

Chair - Tom Lister, Somerset NHS Foundation Trust

15:20 15:30 **Closing comments & recap of the 2 days**

Natalie Bales, NHS Somerset NHS Foundation Trust & UNIR SIG Members

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