Pathways and communication
## Congress Programme

### Monday 1 June 2020 - Dose Day

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<th>Time</th>
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<td>09:00-09:50</td>
<td>Refreshments, exhibition, posters and education on the stands</td>
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<tr>
<td>12:40-14:00</td>
<td>Lunch, exhibition, posters and education on the stands</td>
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<td>Breast Biopsy workshop 13.00-14.00</td>
<td>FRCR drop in sessions 13.00-14.00</td>
<td>12:40-14:00</td>
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<tr>
<td>14:00-15:00</td>
<td>C1 Clinical oncology</td>
<td>C2 MSK Shoulder imaging</td>
<td>C3 GI &amp; hep Inflammatory Bowel Disease MDT</td>
<td>C4 Neurology panel - Best cases of 2019-2020 (starts at 13:30) VOTING</td>
<td>C5 Paeds Paediatric major trauma</td>
<td>C6 Service optimisation National initiatives for imaging</td>
<td>C7 Papers</td>
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<tr>
<td>15:00-16:00</td>
<td>Refreshments, exhibition, posters and education on the stands</td>
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<tr>
<td>16:45-17:45</td>
<td>E1 Clinical oncology</td>
<td>E2 Emerg &amp; trauma Body trauma</td>
<td>E3 GI &amp; hep Advanced liver and bowel ultrasound</td>
<td>E4 Neuro Case reviews (OsUX)</td>
<td>E5 Papers</td>
<td>E6 Education &amp; workforce Creating multiprofessional workforces</td>
<td>E7 RPS Patient dose monitoring and DRLs how to comply with IRMER</td>
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<tr>
<td>17:45-19:00</td>
<td>Monday wine reception in the exhibition</td>
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<tr>
<td>19:45- late</td>
<td>President’s Dinner</td>
<td>Monday night social</td>
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**Tuesday 2 June 2020 - Service Managers Day**

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<tbody>
<tr>
<td>08:00 - 08:15</td>
<td>Registration (exhibition closed)</td>
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<tr>
<td>08:15 - 09:15</td>
<td><strong>F1</strong> Clinical oncology MRI imaging in radiotherapy</td>
<td><strong>F2</strong> Hot topic (breast screening?)</td>
<td><strong>F3</strong> Head &amp; neck Head and neck emergencies 1</td>
<td><strong>F4</strong> Urology Challenges in prostate cancer</td>
<td><strong>F5</strong> Cardiac (MRI) The role of the radiographer in cardiac CT</td>
<td><strong>F6</strong> Radiology managers</td>
<td><strong>F7</strong> Molecular imaging (clin) TBC</td>
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<tr>
<td>09:00</td>
<td>Exhibition opens</td>
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<tr>
<td>09:20 - 11:00</td>
<td>Plenary 2 UKIO Question Time - The NHS is too important to be politicised</td>
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<tr>
<td>11:10 - 12:40</td>
<td><strong>G1</strong> inspecting the inspectors</td>
<td><strong>G2</strong> MSK Plain film MSK VOTING</td>
<td><strong>G3</strong> Head &amp; neck Head and neck emergencies 2</td>
<td><strong>G4</strong> Urology MDT Management of diagnostic dilemmas in uro-gynaecology radiology</td>
<td><strong>G5</strong> Cardiac Multimodality assessment of stable chest pain</td>
<td><strong>G6</strong> Service optimisation Learning from national reviews</td>
<td><strong>G7</strong> Molecular imaging (clin) TBC</td>
</tr>
<tr>
<td>12:45 - 13:30</td>
<td>Society lecture - SCOR Welbeck Memorial lecture The European Radiography Project - where we have come from and where we are going (with the UK) Associate Professor Jonathan McNulty, Associate Dean for Graduate Taught Studies, School of Medicine, University College Dublin and President, European Federation of Radiographer Societies</td>
<td>Society lecture - IPEM Douglas Lea</td>
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<tr>
<td>12:40 - 14:00</td>
<td>Lunch, exhibition, posters and education on the stands</td>
<td><strong>H3</strong> Breast Breast, MDT (started at 13:30)</td>
<td><strong>H4</strong> Urology case reviews (OsiriX) - Multi-parametric detection MR Prostate workshop</td>
<td><strong>H5</strong> Cardiac Cardiac MRI Part 1, Techniques</td>
<td><strong>H6</strong> Education &amp; workforce Technology</td>
<td><strong>H7</strong> Papers</td>
<td><strong>H8</strong> BAMRR MRI in Contemporary Practice</td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td><strong>H1</strong> Clinical oncology MRI for external beam radiotherapy</td>
<td><strong>H2</strong> Molecular imaging Past, present and future of clinical PET</td>
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<tr>
<td>15:00 - 15:40</td>
<td>Refreshments, exhibition, posters and education on the stands</td>
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<tr>
<td>15:40 - 16:40</td>
<td><strong>I1</strong> Clinical oncology To adapt or not to adapt</td>
<td><strong>I2</strong> MSK MSK intervention</td>
<td><strong>I3</strong> Head &amp; neck case reviews (OsiriX) - Intesting cases</td>
<td><strong>I4</strong> Urology When uro-radiology goes wrong</td>
<td><strong>I5</strong> Cardiac Cardiac MRI Part 2, Cardiomyopathy, Mapping and Masses</td>
<td><strong>I6</strong> Research Imaging and oncology research - views from other professions</td>
<td><strong>I7</strong> Papers</td>
</tr>
<tr>
<td>16:45 - 17:45</td>
<td><strong>J1</strong> Clinical oncology The implications of adaptive radiotherapy for oncologists</td>
<td><strong>J2</strong> MSK Gruin imaging</td>
<td><strong>J3</strong> Molecular imaging (clin) Clinical utility of PSMA PET</td>
<td><strong>J4</strong> Imaging tech</td>
<td><strong>J5</strong> Papers GI and GU</td>
<td><strong>J6</strong> SMRT</td>
<td><strong>J7</strong> MSK U/S</td>
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<tr>
<td>17:45 - 18:45</td>
<td>Tuesday wine reception in exhibition Fringe meetings TBC</td>
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<tr>
<td>19:45 - late</td>
<td>AXREM social</td>
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# UK Imaging & Oncology Congress 2020

## Wednesday 3 June 2020 - Informatics Day (plus schools lecture & exhibition 9am-12pm)

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<th>Demo Zone</th>
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<tr>
<td>K1</td>
<td>Clinical oncology</td>
<td>Stereotactic</td>
<td>treatment of AVMs</td>
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<td>08:45 - 09:45</td>
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<tr>
<td>K2</td>
<td>MSK MSK Imaging</td>
<td>VOTING</td>
<td>Imaging quiz</td>
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<td>Ultrasound</td>
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<tr>
<td>K3</td>
<td>MPS Pro</td>
<td>Joint professional guidance update on the use of patient shields</td>
<td>in diagnostic radiology</td>
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<td>X-ray</td>
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<tr>
<td>K4</td>
<td>Informatics</td>
<td>Teaching tools</td>
<td>to enhance training and education</td>
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<td>K5</td>
<td>Chest &amp; lung</td>
<td>Imaging the airways</td>
<td>MDT?</td>
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<td>K6</td>
<td>Service optimisation</td>
<td>The benefits of imaging networks</td>
<td>emerging models</td>
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<tr>
<td>K7</td>
<td>Papers</td>
<td>Therapeutic radiography service improvement</td>
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<tr>
<td>K8</td>
<td>Papers</td>
<td>History</td>
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<tr>
<td>09:00</td>
<td>Exhibition opens</td>
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<td>09:00</td>
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<tr>
<td>09:00 - 10:50</td>
<td>L1</td>
<td>Hot topic</td>
<td>(sustainability?)</td>
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<tr>
<td>L2</td>
<td>MSK (MDT?) Imaging</td>
<td>Imaging of the spine</td>
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<td>X-ray</td>
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<tr>
<td>L3</td>
<td>MSK Case reviews (OsiriX)</td>
<td>UNTIL 11:20</td>
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<tr>
<td>L4</td>
<td>Informatics</td>
<td>Advances in radiotherapy planning and artificial intelligence</td>
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<tr>
<td>L5</td>
<td>Chest &amp; lung</td>
<td>Lung cancer screening</td>
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<td>Exh Theatre</td>
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<tr>
<td>L6</td>
<td>Research</td>
<td>How managers can facilitate clinical research</td>
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<tr>
<td>L7</td>
<td>Industry</td>
<td>user group meeting</td>
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<td>L8</td>
<td>Breast biopsy workshop</td>
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<td>L9</td>
<td>X-ray</td>
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<td>X-ray</td>
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<tr>
<td>L10</td>
<td>Industry/PACS</td>
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<td>L11</td>
<td>Oral posters</td>
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<td>10:50 - 11:45</td>
<td>Refreshments, exhibition, posters and education on the stands</td>
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<td>FRCR drop in sessions</td>
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<tr>
<td>11:45 - 12:30</td>
<td>Plenary 3 and prize announcements</td>
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<td>10:50 - 11:45</td>
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<tr>
<td>12:30 - 13:15</td>
<td>Society lecture - IPEM John Mallard</td>
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<td>Society lecture - SCoR Martine Jackson</td>
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<tr>
<td>12:30 - 15:30</td>
<td>Lunch, exhibition, posters and education on the stands, EXHIBITION CLOSES 15:30 (Finale to close??)</td>
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<td>X-ray (12:35-13:35) (radiographer hands-on)</td>
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<tr>
<td>13:45 - 14:45</td>
<td>M1</td>
<td>Clinical oncology</td>
<td>Developing SABR</td>
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<tr>
<td>M2</td>
<td>Emerg &amp; trauma Interactive cases</td>
<td>VOTING</td>
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<td>X-ray (12:35-13:35) (radiographer hands-on)</td>
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<tr>
<td>M3</td>
<td>Obs &amp; gynae Pelvic pain</td>
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<td>Ultrasound</td>
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<td>M4</td>
<td>Informatics</td>
<td>Bringing 3D printing, augmented and virtual reality to your department</td>
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<td>X-ray (12:35-13:35) (radiographer hands-on)</td>
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<tr>
<td>M5</td>
<td>Chest &amp; lung Interstitial lung disease - state of the art</td>
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<td>M6</td>
<td>Research Mentorship in research</td>
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<tr>
<td>M7</td>
<td>Industry user group meeting</td>
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<tr>
<td>M8</td>
<td>AI lab</td>
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<tr>
<td>14:50 - 15:50</td>
<td>N1</td>
<td>MSK</td>
<td>Spinal scoliosis</td>
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<tr>
<td>N2</td>
<td>Papers</td>
<td>Service delivery &amp; innovation</td>
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<td>Ultrasound</td>
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<tr>
<td>N3</td>
<td>Obs &amp; gynae</td>
<td>Gynaecological malignancy</td>
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<tr>
<td>N4</td>
<td>Informatics</td>
<td>Gynaecological Radionics - what you need to know</td>
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<tr>
<td>N5</td>
<td>Chest &amp; lung Case reviews (OsiriX)</td>
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### MORNING PLENARY

**MORNING PLENARY**

**09:00-09:50**

**Plenary 1**

**President’s welcome**
Dr Nick Spencer, President, UKIO

**Keynote speech**
Dame Tanni Grey-Thompson, Paralympian, Crossbench Peer and Broadcaster

**Openning of the exhibition**
Refreshments, exhibition, poster tours and education on the stands

### MORNING SESSIONS A

**A1 Clinical oncology**

**Fear of cancer recurrence - an update on the FORECAST study**
Chair: Josie Cameron, Breast Advanced Practitioner, NHS Lothian

The link between patient-health provider communication and fear of cancer recurrence - Professor Gerry Humphris, Professor of Health Psychology, University of St Andrews

Co-design of a new communication skills intervention (KEW) for radiography - Dr Mara van Beusekom, Research Fellow, University of St Andrews

**A2 MSK**

**Sports imaging**
Just one step away... Common sporting injuries of the foot and ankle - Dr Kannan Rajesparan, Consultant Musculoskeletal Radiologist, University College London Hospitals NHS Foundation

**Par interarticularis injury in elite athletes** - Dr Gajan Rajeswaran, Dr Gajan Rajeswaran, MSK Radiologist, Fortius Clinic London

Imaging of shoulder injuries in sport - Dr Qaiser Malik, Consultant Radiologist, Basildon and Thurrock University Hospital NHS Trust

Q&A with all speakers

**A3 GI and hep**

**Optimisation of GI imaging - techniques, tips and tricks**
Chair: Dr Jaymin Patel, Consultant Radiologist, St George’s University Hospital NHS Foundation Trust

CT Colonography - Dr Oliver Duxbury, GI Imaging Fellow, London North West Healthcare NHS Trust

Rectal MRI - Dr Uday Patel, Consultant Radiologist, London North West Healthcare NHS Trust

MR Enterography - Dr Joy Barber, Consultant Radiologist, St George’s University Hospital NHS Foundation Trust

**A4 Pediatrics**

**The on-call guide to paediatric neuro and ENT emergencies**
Chair: Dr Musa Kaleem, Consultant Paediatric Radiologist, Alder Hey Children’s Hospital NHS Foundation Trust

The neurosurgeon’s perspective - Mr Ian Kamaly, Consultant Paediatric Neurosurgeon, Royal Manchester Children's Hospital

Imaging approach to paediatric CNS emergencies - Dr Ata Siddiqui, Consultant Neuroradiologist, Guys & St Thomas’ Hospitals NHS FT

Imaging in paediatric head and neck emergencies - Dr Vivian Tang, Consultant Paediatric Radiologist, Royal Manchester Children’s Hospital

**A5 Breast**

**Communicating concepts in breast screening**
Chair: Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust

BSIS – tools to help screening teams - Dr Jim Steel, Director of Breast Services, University Hospitals Plymouth NHS Trust

Duty of candour – interval cancer reviews - Claire Bailey, Lead Breast Care Nurse, St George’s University Hospitals NHS Foundation Trust

Improving team recall rates - Dr Ros Given-Wilson, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust

**A6 RPS**

**Person monitoring arrangements in healthcare**
Chair: Rob Loader, Clinical Scientist/RPA/MPE, University Hospitals Plymouth NHS Trust

Overview of new personal monitoring requirements for personnel working in healthcare - Dr Colin Martin, Clinical Scientist and Vice Chairman, ICRP Committee 3

Practical implementation of personal monitoring in interventional radiology - Andy Rogers, Lead Interventional MPE, Nottingham University Hospitals NHS Trust

Extremity doses in nuclear medicine and radiopharmacy including accident scenarios - Dr Bill Thomson, Consultant Physicist and Head of Physics and Nuclear Medicine, Sandwell and West Birmingham Hospitals NHS Trust

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**Monday 1 June 2020**
### MORNING SESSIONS B

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
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| **B1** | 11:40-12:40 | Supportive intervention and managing the radiotherapy pathway  
Chair: Joanne Mitchell, Research Radiographer, Edinburgh Cancer Centre  
**Dietetics in radiotherapy** - Lindsey Allan, Macmillan Oncology Dietician, Royal Surrey NHS Foundation Trust  
**Weight loss and radical radiotherapy** - Dr Iain Phillips, Consultant Clinical Oncologist, Edinburgh Cancer Centre |
| **B2** | Imaging technologies | All you wanted to know about patient dose surveys and diagnostic reference levels (DRLs)  
Chair: Matthew Dunn, Head of Radiation Physics, Nottingham University Hospital NHS Trust  
**Update on UK national DRLs** - Speaker TBC, Medical Dosimetry Group, Public Health England  
**DRLs for radiotherapy** - Speaker TBC  
**DRLs for hybrid imaging** - Speaker TBC |
| **B3** | Neurology | VOTING  
**Acute imaging pearls & pitfalls – brain & spine**  
Chair: Dr Dan Scoffings, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust  
**Acute brain imaging pearls and pitfalls** - Dr Jo Jarosz, Consultant Neuroradiologist, King’s College Hospital NHS Foundation Trust  
**Acute spinal imaging pearls and pitfalls** - Dr Tom Campion, Consultant Neuroradiologist, Barts Health NHS Trust |
| **B4** | Paediatrics | The on-call guide to paediatric surgical emergencies  
Chair: Dr Manigandan Thyagarajan, Consultant Paediatric Radiologist, Birmingham Children’s Hospital  
**The surgeon’s perspective** - Mr Ross Craigie, Consultant Paediatric Surgeon, Royal Manchester Children’s Hospital  
**Imaging approach to paediatric surgical emergencies** - Dr Linda Stephens, Consultant Paediatric Radiologist, Royal Manchester Children’s Hospital  
**The role of the paediatric radiographers on-call** - Sarah Franks, Clinical Manager, Paediatric Radiology, Royal Manchester Children’s Hospital |
| **A7** | Informatics | AI in daily radiology practice  
Chair: Dr Syed Junaid, Radiology Fellow, Royal National Orthopaedic Hospital NHS Trust  
**AI after you read – using AI to support Quality Assurance** - Rohit Ghosh, Director of Business Development, Qure.ai  
**Current active radiology AI implementation in the UK** - Dr Qaiser Malik, Consultant Radiologist and Deputy CMO, Behold.ai  
**Can AI cross the chasm?** - Jonny Hancox, Deep Learning Solutions Architect, nVidia |
| **A8** | Ultrasound | MSK - Upper  
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust  
Hands-on demonstration sessions with live models in the exhibition hall. |
| **A9** | X-ray room | A hands-on session for radiographers |
| **A10** | Industry | Session details TBC |
### Monday 1 June 2020

#### B5 Breast

**Breast pathway in focus**  
Chair: Dr Mamatha Reddy, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust  
Doing less in benign breast disease - Dr Kathryn Taylor, Consultant Mammographer, Cambridge Breast Unit  
New approaches in the axilla - Ms Laura Johnson, Consultant Oncoplastic Breast Surgeon, Barts Health NHS Trust  
Radiotherapy updates - Dr Virginia Wolstenholme, Clinical Oncologist, Barts Health NHS Trust

#### B6 Education and workforce

**Developing our workforce – opportunities**  
Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital  
Leadership training for radiographers and Allied Health Professionals - Professor Mary Lovegrove, Ementus Professor of Education and Development for Allied Health Professions, London South Bank University  
NHS Leadership Academy – opportunities for all - Mr Alan Nobbs, Head of Programme Design and Practice, NHS Leadership Academy  
Developing leadership skills in trainees and early-career consultants - Dr Frances Yule, Consultant Clinical Oncologist, Edinburgh Cancer Centre, and Medical Director, Education and Training (Clinical Oncology), RCR

#### B7 Proffered papers

**MSK**  
Chair: TBC  
Evaluation of a newly established multiple myeloma pathway - Dr Sayed Hashim, Specialty Registrar, Peninsula Radiology Academy  
Radiology reporting of osteoporotic vertebral fragility fractures on CT – results of a UK national audit - Dr Nadia Mahmood, Radiology SpR, Brighton and Sussex University Hospitals NHS Trust  
Opportunist screening for osteoporosis by abdominal CT in a British population - Dr Sonam Vadera, Doctor, University Hospitals of Leicester NHS Trust  
Prevalent vertebral fracture in patients with acute hip fracture - Jill Griffin, Clinical Lead Quality Improvement, The Royal Osteoporosis Society  
Radiographer reporting of MRI shoulder examinations – agreement with a consultant radiologist - Claire Wilkin, Advanced Practitioner Radiographer, East Kent Hospitals University NHS Foundation Trust  
Popliteal fossa ultrasounds – when are they clinically indicated? - Dr Emily Mayo, ST2 Radiology Trainee, Princess of Wales Hospital, Bridgend

#### B8 Ultrasound

**MSK – Upper**  
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust  
Hands-on demonstration sessions with live models in the exhibition hall.

#### B9 X-ray room

A hands-on session for radiographers

#### B10 MR Linac

Speakers TBC

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<tr>
<td>12:45-13:30</td>
<td>Society keynote lectures</td>
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<td>SCoR William Stripp lecture</td>
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<td>MSK CT - principles, practice and recent advances</td>
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<td></td>
<td>Andrew Stephens, CT Section Manager, Hull University Teaching Hospitals NHS Trust</td>
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<td>13:00-14:00</td>
<td>Ultrasound</td>
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<td>Breast biopsy workshop</td>
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<td>FRCR</td>
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<td>FRCR drop-in session</td>
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Monday 1 June 2020

**AFTERNOON SESSIONS C**

**14:00-15:00**

**C1 Clinical oncology**

**Cancer - a chronic condition**

Speakers TBC

**C2 MSK**

**Shoulder imaging – how do I do it?**
Chair: Dr Subhass Basu, Consultant Musculoskeletal Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust

How do I image in rotator cuff disease? - Dr Rowena Johnson, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Foundation Trust

How do I image instability - Dr Patrick Wilson, Consultant Musculoskeletal Radiologist, Belfast Health and Social Care Trust

How do I image the post-operative shoulder? - Dr Rajat Chowdhury, Consultant Musculoskeletal Radiologist, Nuffield Orthopaedic Centre, Oxford University Hospitals NHS Foundation Trust

**C3 GI and hep**

**Inflammatory Bowel Disease MDT**

Chair: Dr Jaymin Patel, Consultant GI Radiologist, St George’s University Hospitals NHS Foundation Trust

Panel: Miss Harriet Owen, Consultant Colorectal Surgeon; Dr Kamal Patel, Consultant Gastroenterologist; and Dr Jaymin Patel, Consultant GI Radiologist, St George’s University Hospitals NHS Foundation Trust

**C4 Neurology**

**Neurology panel discussion - the experts share their best cases of 2019/2020**
Chair: Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy’s and St Thomas’ NHS Foundation Trust

The experts share their most interesting and educational cases of 2019/2020. The session will include interactive panel work through cases, panel discussions and live audience participation

**Skull base cases** - Dr Dan Scoffings, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust

**Intracranial mass mimics** - Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy’s and St Thomas’ NHS Foundation Trust

**The paediatric brain** - Dr Ian Craven, Consultant Neuroradiologist, The Leeds Teaching Hospitals NHS Trust

**C5 Paediatrics**

**Paediatric major trauma and major incidents**
Chair: Dr Vivian Tang, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital

The emergency department perspective - Dr Bimal Mehta, Paediatric Emergency Consultant, Alder Hey Children’s Hospital NHS Foundation Trust

**Imaging approach to paediatric major trauma** - Dr Musa Kaleem, Consultant Paediatric Radiologist, Alder Hey Children's Hospital NHS Foundation Trust

**Lessons learned from the Manchester Arena major incident** - Dr Ibrar Majid, Consultant Paediatric Trauma and Orthopaedic Surgeon, Al Jalila Children’s Specialty Hospital, UAE

**Imaging approach to blast injuries** - Dr Rui Santos, Consultant Paediatric Radiologist, Evelina London Children’s Hospital

**C6 Service optimisation**

**National initiatives for imaging**
Chair: Fiona Thow, Head of Imaging Services Transformation, NHS England and NHS Improvement

Implementing the imaging strategy - progress so far - Professor Erika Denton, National Clinical Advisor for Imaging, NHS England and NHS Improvement

The National Imaging Data Collection - how is the data being used and improved? - Nicola Scott, Imaging Implementation Lead, NHS England and NHS Improvement

Spending £200m on imaging equipment - benefits and next steps - Andy Howlett, Director of Imaging, Pathology & Pharmacy Improvement, NHS England and NHS Improvement

Panel discussion and questions

**C7 Preferred papers**

**Workforce development**
A formative development pathway for the aspiring consultant radiographer - Carl Bradbury, Advanced Practitioner Radiographer, Royal Stoke University Hospital

Radiographer advanced practice in paediatric interventional radiology - is it beneficial for patients and radiology departments? - Emma Rose, Clinical Specialist Radiographer, Great Ormond Street Hospital for Children NHS Foundation Trust

**LGBTQ patient – community, healthcare, and diagnostic imaging** - Professor Mark Crosthwaite, Programme Director and Associate Professor, Virginia Commonwealth University

**Student radiographers – current career aspirations** - David Palmer, Student Radiographer, Sheffield Hallam University

How do we define advanced practice roles – a document analysis of UK job descriptions - Professor Beverly Snaith, Clinical Professor of Radiography, University of Bradford

Establishing the value of a supported return to training course for radiology trainees - Dr Samira Rostampour, Radiology Registrar
### C8: Physics

**Turning free-text data to insight - text mining applications in oncology and radiology**
Chair: Dr Heather Williams, Consultant Medical Physicist, The Christie NHS Foundation Trust

**Automated processing of healthcare free-text narrative - Professor Goran Nenadic, Professor of Computer Science, University of Manchester**

Using text mining to unlock insights about patient experience from unstructured 'real world' data - Dr Lamiece Hassan, Health Data Research UK Research Fellow, University of Manchester

**Text mining brain imaging reports - Dr Beatrice Alex, Chancellor’s Fellow and Turing Fellow, University of Edinburgh**

### C9: Ultrasound

**Breast biopsy workshop**

### C10: Oral posters

**Papers TBC in January**

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### D7: Patient stories

**Patient stories - improving care for the public and patients through patient engagement**

**Chairs:** Sandie Mathers, Chairperson, College Board of Trustees, SCoR, and Philip Plant, Patient Advisory Group, SCoR

**Patient story - living with cancer and patient advocacy** - Derek Stewart, Patient Advocate, Action Radiotherapy

Exploring compassion and compassionate behaviours in cancer care (CoR Doctoral Fellowship grant) - Amy Taylor, Principal Therapeutic Radiographer Research and Development, Weston Park Cancer Centre, Sheffield

**Patient story - a Lady from London** - Jane Gooch, Senior Lecturer in Diagnostic Imaging, University of Derby

Delivering informed measures of patient centred care in diagnostic radiography (CoRIPS grant) - Emma Hyde, Head of Diagnostic Imaging, University of Derby

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### D8: FRCR

**FRCR FRCR drop-in session**

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### Monday 1 June 2020

**15:00-15:40**

- Refreshments, exhibition, poster tours and education on the stands

**15:20-16:40**

#### D7: Patient stories

**Patient stories - improving care for the public and patients through patient engagement**

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Delivering informed measures of patient centred care in diagnostic radiography (CoRIPS grant) - Emma Hyde, Head of Diagnostic Imaging, University of Derby

**15:30-16:30**

**FRCR FRCR drop-in session**

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### AFTERNOON SESSIONS D

**15:40-16:40**

#### D1: Clinical oncology

**Image optimisation in radiotherapy**
Chair: Dr Robert Chuter, Principal Clinical Scientist, The Christie NHS Foundation Trust

Optimising CBCT – lowering dose and improving image quality - Abigail Bryce-Atkinson, PhD Student, The University of Manchester

Radiotherapy is one of the highest areas for concomitant dose – the imperative to optimise! - Carl Horsfield, Principal Physicist - Imaging Lead, Hull University Teaching Hospitals NHS Trust

#### D2: Emergency & trauma

**Head, shoulders, knees and toes**
Chair: Dr Sujit Vaidya, Consultant Radiologist, Barts Health Trust

Penetrating trauma head and neck - Dr Ashok Adams, Consultant Radiologist, Barts Health NHS Trust

Upper limb trauma - Dr Sivadas Ganeshalingham, Consultant Radiologist, Barts Health NHS Trust

Lower limb trauma - Dr Niels Van Vucht, Consultant Radiologist, University College London Hospitals NHS Foundation
Monday 1 June 2020

**D3**
GI and hep

Post-treatment imaging pearls
Chair: Dr Nirav Patel, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust

Rectal cancer - Dr Uday Patel, Consultant Radiologist, London North West Healthcare NHS Trust

Hepatoma - Dr Robert Thomas, Consultant Radiologist, Imperial College Healthcare NHS Trust

Immunotherapy - Dr Nirav Patel, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust

**D4**
Neurology

Infection - intracranial and spinal
Chair: Dr Jo Jarosz, Consultant Neuroradiologist, King’s College Hospital NHS Foundation Trust

Intracranial infection - review and update - Dr Stuart Currie, Consultant Neuroradiologist, The Leeds Teaching Hospitals NHS Trust

Spinal infection - review and update - Dr Asif Mazumder, Consultant Neuroradiologist and Honorary Senior Clinical Lecturer, Guy’s and St Thomas’ NHS Foundation Trust

**D5**
Paediatrics

The on-call guide to paediatric MSK emergencies
Chair: Dr Linda Stephens, Consultant Paediatric Radiologist, Royal Manchester Children’s Hospital Foundation Trust

The orthopaedic surgeon’s perspective - Dr Ibrar Majid, Consultant Paediatric Trauma and Orthopaedic Surgeon, Al Jalila Children’s Specialty Hospital, UAE

Imaging approach to paediatric MSK emergencies - Dr Manigandan Thyagarajan, Consultant Paediatric Radiologist, Birmingham Children’s Hospital NHS Foundation Trust

The role of the radiology trainee on-call - Dr Debra Harris, Radiology Trainee, Royal Manchester Children’s Hospital

**D6**
Service optimisation

Session details TBC

**D7**
Patient stories - improving care for the public and patients through patient engagement
Continued from 15:20

**D8**
Patient dose optimisation
Speakers TBC

**D9**
Ultrasound

MSK - lower
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

**D10**
X-ray room

A hands-on session for radiographers

**D11**
Industry
Session details TBC

**E1**
Clinical oncology

Integrating primary care teams into the radiotherapy pathway
Chair: Joanne Mitchell, Research Radiographer, Edinburgh Cancer Centre

Meeting the radiotherapy information needs of primary care professionals - Kelsey Normand, Senior Therapeutic Radiographer, Edinburgh Cancer Centre

**E2**
Emergency & trauma

Body trauma
Chair: Dr Sujit Vaidya, Consultant Radiologist, Barts Health Trust

Blunt force and ignorance - making the right decisions - Dr Susan Cross, Consultant Radiologist, Barts Health NHS trust

The first cut is the deepest! – Dr Rashid Akhtar, Consultant Interventional Radiologist, Barts Health NHS Trust

Pelvic trauma - Dr Shubashis Basu, Consultant Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust

**E3**
GI and hep

Advanced liver and bowel ultrasound
Chair: Dr Ed Godfrey, Consultant Radiologist, Cambridge University Hospitals NHS Trust

Bowel ultrasound - Dr Gurinder Nandra, Clinical GI Imaging Fellow, Cambridge University Hospitals NHS Trust

Contract ultrasound - Dr Ed Godfrey, Consultant Radiologist, Cambridge University Hospitals NHS Trust

Elastography - Dr Phil Lung, Consultant Radiologist, London North West Healthcare NHS Trust

**E4**
Technology

**E5**
Research

**E6**
Audit

**E7**
Education

**E8**
Development

**E9**
IT/PACS

**E10**
Hands on

**E11**
X-ray

**E12**
MRI

**E13**
CT

**E14**
Radiation protection

**E15**
Physics/science

**E16**
Clinical Radiographers

**E17**
Radiologists

**E18**
Clinical oncology

**E19**
MDT
Monday 1 June 2020

**E4** Neurology

Neurology interactive case reviews (OsiriX)
Facilitator: Dr Amit Roy, Consultant Radiologist, Guys & St Thomas’ Hospitals NHS Foundation Trust

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**E5** Proffered papers

Service innovation
RoboRad – a real-time system for monitoring and analysis of PACS reporting room occupancy and workstation utilisation - Bahman Kasmai, Principal Clinical Scientist, Norfolk and Norwich University Hospitals NHS Trust
An evaluation of the role of imaging in investigating vocal cord paresis - Dr Jack Looker, Radiology Registrar, University Hospitals Plymouth NHS Trust
Automated calculation of the RV:LV ratio in acute pulmonary embolism – a real-world feasibility and clinical impact study - Dr Robert Foley, ST2 Radiology, Royal United Hospitals Bath NHS Foundation Trust
Radiographer vs consultant radiologist CT chest reporting for lung cancer screening – a comparative study - Hazel Spence, Nottingham University Hospitals NHS Trust
Radiographer reporting of paediatric plain films in a District General Hospital – is this a realistic or safe alternative to paediatric radiologists? - Nicholas Barlow, Consultant Radiographer, Rotherham NHS Foundation Trust
Preparing patients for MRI with a free and easily accessible Virtual Reality experience - Jonathan Ashmore, Clinical Scientist, NHS Highland

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**E6** Education and workforce

Creating multiprofessional workforces
Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital
Creating a multiprofessional breast workforce - Dr Mary Wilson, Consultant Radiologist and National Breast Imaging Academy Programme Lead, The Nightingale Centre, Wythenshawe Hospital
Integrating the reporting workforce - David Tipper, Clinical Services Manager, Derby Teaching Hospitals NHS Foundation Trust
A multiprofessional workforce in clinical oncology - Dr Frances Yuille, Consultant Interventional Radiologist, and Medical Director, Education and Training (Clinical Oncology), RCR

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**E7** RPS

Patient dose monitoring and DRLs how to comply with IRMER
Speakers TBC

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**E8** Ultrasound

MSK - lower
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust
Hands-on demonstration sessions with live models in the exhibition hall.

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**E9** X-ray room

A hands-on session for radiographers

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**Doctorate Den**

Doctoral supervision – notes to help you navigate the path
Chair: Dr Rachel Harris, Professional and Education Manager, SCoR
Join us at the drinks reception and hear from those who have supervised doctorates and also experienced being supervised for their own doctorate. Plenty of time for discussion and questions too.

What do I want to see from a doctoral candidate as a supervisor? - Professor Karen Knapp, Associate Professor in Musculoskeletal Imaging, University of Exeter and Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University

What do I want from a supervisor on my doctoral journey - Dr Julie Woodley, Senior Lecturer, University of the West of England and Dr Helen McNair, Lead Research Radiographer and HEE/NIHR Senior Clinical Lecturer, The Royal Marsden NHS Foundation Trust

19:45-late | Monday night social – details TBC
**MORNING SESSIONS F**

**F1 Clinical oncology**

The challenges of introducing MRI imaging into the radiotherapy pathway
Chair: Dr Robert Chuter, Principal Clinical Scientist, The Christie NHS Foundation Trust
Benefits of MR in radiotherapy – the oncologist’s view - Professor Peter Hoskin, Professor in Oncology, University of Manchester, The Christie NHS Foundation Trust and Mount Vernon Cancer Centre
Benefits of MR in radiotherapy – the radiographer’s view - Dr Helen McNair, Lead Research Radiographer, The Royal Marsden NHS Foundation Trust

**F2 Hot topics**

Hot topics – TBC

**F3 Head and neck**

Head and neck emergencies 1
Chair: TBC
Imaging of orbital emergencies - Dr Ata Siddiqui, Consultant Neuroradiologist, King’s College Hospital NHS Foundation Trust and Guys & St Thomas’ Hospitals NHS Foundation Trust
Imaging of head and neck trauma - Dr Philip Touska, Consultant Head and Neck Radiologist, Guy’s and St Thomas’ NHS Foundation Trust

**F4 Urology**

Challenges in prostate cancer
Chair: Dr Alison Bradley, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
Can nuclear medicine help with a rising PSA post radical treatment? - Dr Brent Drake, Consultant Radiologist, University Hospitals Plymouth NHS Trust
New and future treatments of metastatic prostate cancer - Dr Zaf Malik, Consultant Clinical Oncologist, The Clatterbridge Cancer Centre NHS Foundation Trust
Radiology of high-risk prostate cancer - Dr Tristan Barrett, University Lecturer and Honorary NHS Consultant Radiologist, Addenbrooke’s Hospital and University of Cambridge

**F5 Cardiac**

The role of the radiographer in cardiac CT
Speakers TBC

**F6 Radiology managers**

Speakers TBC

**F7 Molecular imaging**

Papers TBC in January

**F8 ASRT exchange prize**

ASRT exchange prize
Chair: Richard Evans, CEO, SCoR
Speaker TBC

**MORNING PLENARY**

**Plenary 2**

UKIO Question Time: The NHS is too important to be politicised
Panel TBC

10:20-11:10 Refreshments, exhibition, poster tours and education on the stands
**MORNING SESSIONS G**

**11:10-12:40**

- **G1** RPS
  - **Inspecting the inspectors**
  - Speakers TBC

- **G2** MSK
  - **Plain film MSK**
    - Chair: Dr Richard Whitehouse, Consultant Musculoskeletal Radiologist, Manchester University NHS Foundation Trust
  - **Foot and ankle radiographs in diabetics** - Dr Richard Whitehouse, Consultant Musculoskeletal Radiologist, Manchester University NHS Foundation Trust
  - **Hip arthroplasty** - Professor Margaret Hall-Craggs, Professor of Medical Imaging, University College London
  - **Bone tumours** - Dr Naomi Winn, Consultant Musculoskeletal Radiologist, Robert Jones and Agnes Hunt Orthopaedic and District Hospital NHS Trust
  - **Wrist pathologies** - Dr Chooi Oh, Consultant Radiologist, Lancashire Teaching Hospitals NHS Trust
  - **Spinal radiographs** - NICE, trauma, paediatrics, and the unexpected - Dr Richa Arora, Consultant Musculoskeletal Radiologist, Countess of Chester Hospital NHS Foundation Trust
  - **MSK radiographs for primary care – how to add value** - Dr Harun Gupta, Consultant Musculoskeletal Radiologist, The Leeds Teaching Hospitals NHS Trust
  - **Quality of plain film reporting – what makes a good report?** - Dr Priya Suresh, Consultant Radiologist, University Hospitals Plymouth NHS Trust

- **G3** Head and neck
  - **Head and neck emergencies 2**
    - Chair: Dr Neshe, Snskandan, Consultant Head & Neck Radiologist, Guy’s and St Thomas’ NHS Foundation Trust
  - **Imaging of infections of the head and neck** - Dr Susan Jawad, Consultant Radiologist, University College London Hospitals NHS Foundation Trust
  - **Foot and ankle radiographs in diabetics** - Dr Richard Whitehouse, Consultant Musculoskeletal Radiologist, Manchester University NHS Foundation Trust
  - **Hip arthroplasty** - Professor Margaret Hall-Craggs, Professor of Medical Imaging, University College London
  - **Bone tumours** - Dr Naomi Winn, Consultant Musculoskeletal Radiologist, Robert Jones and Agnes Hunt Orthopaedic and District Hospital NHS Trust
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  - **Quality of plain film reporting – what makes a good report?** - Dr Priya Suresh, Consultant Radiologist, University Hospitals Plymouth NHS Trust

- **G4** Urology
  - **Management of diagnostic dilemmas in uro-gynae radiology**
    - Chair: TBC
    - **What to do with the indeterminate 10mm echobright renal lesion on incidental USS of the abdomen?** - Dr Mike Weston, Consultant Radiologist, The Leeds Teaching Hospitals NHS Trust
    - **Do we need to image the para-aortic area with a varicocele and if so how?** - Dr Harry Bardgett, Consultant Interventional Uro-Radiologist, Bradford Teaching Hospitals NHS Foundation Trust
  - **How to follow up ureteric calculi?** - Dr Julian Keanie, Consultant Uroradiologist, Western General Hospital, Edinburgh
  - **How do you follow up a Bosniak IIF Cyst** - Dr Alison Bradley, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
  - **Imaging of the TVT tape** - Speaker TBC

- **G5** Cardiac
  - **Multimodality assessment of stable chest pain**
    - Speakers TBC

- **G6** Service optimisation
  - **Learning from national reviews**
    - Chair: Professor Erika Denton, National Clinical Advisor for Imaging, NHS England and NHS Improvement
    - **The review of national screening programmes – lessons and next steps** - Speaker TBC
    - **The GIRFT Imaging report – a review of imaging services** - Dr Giles Maskell, GIRFT Clinical Adviser
    - **The Richards review of diagnostic capacity** - Speaker TBC

- **G7** Molecular imaging
  - **Session details TBC**
Tuesday 2 June 2020

G8 Proffered papers

Clinical oncology
Radiotherapy led pathway improvement to reduce post-operative delay for head and neck cancer patients - Leah Cox, Head and Neck Review Radiographer, North Wales Cancer Treatment Centre

Stereotactic radiosurgery brain metastases pathway at University Hospitals Birmingham NHS Trust - Mitchell Hickman, CyberKnife / SRS Lead Radiographer, University Hospitals Birmingham NHS Trust

Evaluating the image quality of PET-MR images acquired in the radiotherapy position - Dr Jonathan Wyatt, PhD Fellow, Newcastle University

Building research capability and capacity of therapeutic radiographers in a small radiotherapy department - Kirsty Farnan, Treatment Advanced Practitioner, NHS Tayside

Improving patient pathways - 17 days from referral to radiotherapy treatment at Addenbrooke’s Hospital - Nicola Twyman, Deputy Head of Radiotherapy Physics, Cambridge University Hospitals NHS Foundation Trust

Robust optimisation for SABR lung planning - Zoe Walker, Clinical Scientist, University Hospitals Coventry & Warwickshire NHS Trust

G9 Ultrasound

MSK - upper
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

G10 Oral posters Papers TBC in January

From 12:40 Lunch, exhibition, poster tours, demo zone and education on the stands

12:45-13:30 Society keynote lectures

Society keynote lectures

IPEM Dougles Lea
Speaker TBC

SCoR Welbeck Memorial lecture

The European Radiography Project - where we have come from and where we are going (with the UK)

Associate Professor Jonathan McNulty, Associate Dean for Graduate Taught Studies, School of Medicine, University College Dublin and President, European Federation of Radiographer Societies

13:00-14:00

Ultrasound

Breast biopsy workshop

X-ray room

A hands-on session for radiographers

FRCR FRCR drop-in session

H3 Breast (starts at 13:30)

Breast MDT
Chair: Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust

Dr Tamara Suaris, Director of Breast Screening, Central and East London Breast Screening Service and Lead Breast Radiologist, Barts Health NHS Trust

Dr Virginia Wolstenholme, Clinical Oncologist, Barts Health NHS Trust

Ms Laura Johnson, Consultant Oncoplastic Breast Surgeon, Barts Health NHS Trust

Dr Kathryn Taylor, Consultant Mammographer, Cambridge Breast Unit
**Tuesday 2 June 2020**

### AFTERNOON SESSIONS H

**14:00-15:00**

**H1**
**Clinical oncology**

**MRI for external beam radiotherapy - where are we now?**
Chair: John Burton, Principal Radiographer Pre-treatment, Edinburgh Cancer Centre

Update and recommendations from the IPEM working party on MRI for external beam radiotherapy - Dr Richard Speight, Principal Clinical Scientist ART NET, Leeds Cancer Centre

Clinical implementation of MR only planning in radiotherapy - Stephen Hedley, Clinical Scientist, Northern Centre for Cancer Care

**H2**
**Imaging technologies**

The past, present and future of clinical PET
Chair: Dr Heather Williams, Consultant Medical Physicist, The Christie NHS Foundation Trust

The past - Dr Heather Williams, Consultant Medical Physicist, The Christie NHS Foundation Trust

The present - Speaker TBC

The future - Dr Peter Julyan, Consultant Medical Physicist, The Christie NHS Foundation Trust

**H3**
**Breast**

Continued from 13:30

**H4**
**Urology**

Urology interactive case reviews (OsiriX) - multi-parametric detection MR prostate hands-on workshop
Chair: Dr Amit Patel, Consultant Diagnostic and Interventional Radiologist, East and North Herts NHS Trust

Facilitators: Dr Amit Patel, Consultant Diagnostic and Interventional Radiologist, East and North Herts NHS Trust; Dr Tristan Barrett, University Lecturer and Honorary NHS Consultant Radiologist, Addenbrooke’s Hospital and University of Cambridge; Dr Julian Keanie, Consultant Uroradiologist, Western General Hospital, Edinburgh and Dr Alison Bradley, Consultant Radiologist, Royal Cornwells NHS Trust

**H5**
**Cardiac**

Cardiac MRI Part 1 - techniques
Speakers TBC

**H6**
**Education and workforce**

Technology
Chair: Dr Jane Young, Head of School, London School of Radiology and Consultant Radiology, Whittington Hospital

Delivering radiology tutorials online – our experience - Dr John Curtis, Course Lead - Medical Physics and Imaging, University of Liverpool

RAIQC – a self-assessment programme for chest x-ray reporting - Professor Fergus Gleeson, Professor of Radiology, University of Oxford and Consultant Radiologist, Oxford University Hospitals NHS Foundation Trust, and Dr Sarim Ather, Radiology Registrar, Oxford University Hospitals NHS Foundation Trust

New ways of learning – lessons from dyslexia - Dr Ayesha Jamal, Radiology Registrar, Imperial College Healthcare NHS Trust

**H7**
**Proffered papers**

Head & neck and neurology

Subarachnoid haemorrhage, CT head and lumbar puncture - can our words influence clinicians’ actions? - Dr Catrin Evans, Radiology Registrar, North Bristol NHS Trust

Neurovascular CT angiography image quality – a quality improvement project - Dr Ashik Amlani, Radiology Registrar, Guy’s and St Thomas’ NHS Foundation Trust

Optimising imaging and adherence to protocols in patients with eurhythmia - Dr Rohit Srinivasan, Guy’s and St Thomas’ NHS Foundation Trust

Audit on appropriateness of contrast in routine follow up MRI of vestibular schwannoma - Dr Sneha Shah, SHO Trauma and Orthopaedics, Poole Hospital NHS Trust

Put the pedal to the metal! A whistlestop tour of metalwork complications in the spine - Dr Susan Hesni, SpR, Imperial College Healthcare NHS Trust

Apparent diffusion coefficient (ADC) of the spinal cord following palliative radiotherapy to the thoracic spine in metastatic prostate - Dr Sebastian Curcean, The Royal Marsden NHS Foundation Trust

**H8**
**BAMRR**

British Association of MR Radiographers (BAMRR) MRI in contemporary practice
Speakers TBC
**Tuesday 2 June 2020**

**H9** Ultrasound
Head and neck

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<tr>
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<td>15:30-16:30</td>
<td>FRCR FRCR drop-in session</td>
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**AFTERNOON SESSIONS I**

**I1** Clinical oncology
To adapt or not to adapt - what is the answer?
Chair: Dr Robert Chuter, Principal Clinical Scientist, The Christie NHS Foundation Trust
Adaptive radiotherapy through a clinical prism - Dr David Cobben, Senior Lecturer, University of Manchester and Honorary Consultant Clinical Oncologist, The Christie NHS Foundation Trust

**I2** MSK
MSK intervention
Chair: Dr Emma Rowbotham, MSK Radiology Consultant, The Leeds Teaching Hospitals NHS Trust
MSK CT intervention - Dr Richard Fawcett, Consultant Musculoskeletal Radiologist, The Leeds Teaching Hospitals NHS Trust
MSK fluoro intervention - Dr Ed Sellon, Oxford University Hospitals, MSK Radiologist, Oxford University Hospitals NHS Foundation Trust
MSK US intervention - Dr Emma Rowbotham, MSK Radiology Consultant, The Leeds Teaching Hospitals NHS Trust

**I3** Head and neck
Head and neck interactive case reviews (OsiriX) - interesting cases
Facilitators: Dr Ata Siddiqui, Consultant Neuroradiologist, King’s College Hospital NHS Foundation Trust Guys & St Thomas’ Hospitals NHS Foundation Trust, and Dr Philip Touska, Consultant Head and Neck Radiologist, Guy’s and St Thomas’ NHS Foundation Trust

**I4** Urology
When uro-radiology goes wrong
Chair: Dr Harry Bardgett, Consultant Interventional Uro-Radiologist, Bradford Teaching Hospitals NHS Foundation Trust
Complications post uro-radiology interventions - Dr Ian McCafferty, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust
How and why do errors occur - Dr Giles Maskell, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust
Common discrepancies in uro-radiology - Dr Steven Kennish, Consultant Uroradiologist, Sheffield Teaching Hospitals NHS Foundation Trust

**I5** Cardiac
Cardiac MRI part 2 - cardiomyopathy, mapping and masses
Speakers TBC
### Tuesday 2 June 2020

#### AFTERNOON SESSIONS J

**16:45-17:45**

**I6 Research**

**Imaging and oncology research - views from other professions**
Chair: Dr Fiona Mellor, Lecturer and Superintendent, Radiographer, AECC University College

Collaborative research and open upright MRI - Professor Alan Breen, Professor of Musculoskeletal Health Care, AECC University College

Listening to women's unheard experiences of developing & living with breast or trunk lymphoedema after treatment for breast cancer - Janet Ulman, Doctoral Student and Researcher, Sheffield Hallam University

MR imaging the foot – a Cinderella story - Dr Lindsey Cherry, Clinical Academic Podiatrist, University of Southampton & Solent NHS Trust

**I7 Proffered papers**

Papers TBC in January

**I8 Radiotherapy managers**

Radiotherapy board managers
Session details TBC

**I9 Ultrasound**

MSK - lower
Facilitators: Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hands-on demonstration sessions with live models in the exhibition hall.

### AFTERNOON SESSIONS J

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Chair</th>
<th>Notes</th>
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| J1      | Clinical oncology | Dr Virginia Wolstenholme, Consultant Clinical Oncologist, Barts Health NHS Trust | How consultant radiographers change the practice of clinical oncologists
Title TBC - Dr Nicola Storey, Consultant Oncologist, The James Cook University Hospital
Title TBC - Emma Thompson, Consultant Radiographer, The James Cook University Hospital |
| J2      | MSK | Dr Syed Babar, Consultant Radiologist, Imperial College Healthcare NHS Trust | Groin imaging
Chair: Dr Syed Babar, Consultant Radiologist, Imperial College Healthcare NHS Trust
MR imaging of the groin - Dr H. Aniq, Consultant Radiologist, Royal Liverpool University Hospital
MR imaging of femoro-acetabular impingement - Dr Syed Babar, Consultant Radiologist, Imperial College Healthcare NHS Trust |
| J3      | Molecular imaging | Dr Heather Williams, Consultant Medical Physicist, The Christie NHS Foundation Trust | Clinical utility of PSMA PET
Chair: Dr Heather Williams, Consultant Medical Physicist, The Christie NHS Foundation Trust
PSMA PET scanning in practice - Rayjanah Allie, Operational Superintendent Radiographer (Nuclear Medicine & PETMR), Institute of Nuclear Medicine, UCLH
The clinical impact of PSMA PET - Dr Asim Afaq, Consultant Radiologist, Institute of Nuclear Medicine, UCLH
Improving PSMA imaging with digital PET - Dr Sarah McQuaid, Principal Clinical Scientist, Institute of Nuclear Medicine, UCLH |
| J4      | Imaging technologies | Session details TBC | Imaging technologies
Session details TBC |
**Tuesday 2 June 2020**

**J6**

Society for MR Radiographers and Technologists (SMRT)

Session details TBC

**J5**

Proffered papers

**GI and GU**

The clinical utility of Contrast-Enhanced Ultrasound (CEUS) in splenic lesion diagnosis and management - Dr Maira Hameed, Radiology Registrar, Imperial College Healthcare NHS Trust

Magnetic Resonance Cholangiopancreatography (MRCP) for investigation of mild common bile duct dilatation on ultrasound - a second look - Dr Sophie Glenn-Cox, ST2 Radiology Trainee, Royal United Hospitals Bath NHS Foundation Trust

Occluded colorectal anastomosis – a novel combined radiological and endoscopic technique to avoid further surgery and permanent stoma formation - Anna Chow, Royal Free London NHS Trust

Dynamic contrast-enhanced MRI (DCE-MRI) of the prostate – limiting the acquisition duration - Eric Nduka Onwuharine, Senior MRI Radiographer, University Hospitals of North Midlands

Pictorial review of the shifting pattern of advanced metastatic prostate cancer in the era of multimodality imaging - Andra Curcean, Institute of Cancer Research

Initial experience of a new emergency referral pathway for pre-menopausal females presenting with acute renal colic - Mahdi Saleh, Countess of Chester Hospital NHS Foundation Trust

**J7**

**Ultrasound**

**MSK - upper**

**Facilitators:** Dr David Gay, Consultant Radiologist, University Hospitals Plymouth NHS Trust; Dr Tom Bean, Consultant Radiologist, Royal Cornwall Hospital NHS Trust; and Dr Tom Luff, Consultant Radiologist, Torbay and South Devon NHS Foundation Trust

Hand's-on demonstration sessions with live models in the exhibition hall.

**J8**

**X-ray room**

A hands-on session for radiographers

**J9**

**Industry**

Session details TBC

17:45-18:45 Tuesday wine reception in the exhibition

19:00-late AXREM social

**Wednesday 3 June 2020**

**MORNING SESSIONS K**

**K1**

Clinical oncology

Stereotactic treatment of AVMs - the partnership between radiotherapy and interventional radiology

Speakers TBC

**K2**

MSK imaging quiz

Panel: Dr Priya Suresh, Consultant Radiologist, University Hospitals Plymouth NHS Trust, and Dr Alun Davies, Consultant Radiologist, University Hospitals Plymouth NHS Trust

**K3**

Joint professional guidance update on the use of patient shields in diagnostic radiology

Chair: Rob Loader, Clinical Scientist/RPA/MPE, University Hospitals Plymouth NHS Trust

Overview of new professional guidance - Peter Hiles, Head of Radiation Physics, North Wales Medical Physics

Professional application of new BIR guidance on contact shielding - Lynda Johnson, Professional Officer for Clinical Imaging, SCoR

Speaker TBC
### K4 Informatics

**Teaching tools to enhance training and education**

Chair: Dr Rajesh Botchu, Consultant Radiologist, Royal Orthopaedic Hospital NHS Foundation Trust

PowerPoint tips and trick to enhance radiology presentations - Dr Syed Junaid, Radiology Fellow, Royal National Orthopaedic Hospital NHS Trust

Developing and running a teaching smartphone app - Dr Rajesh Botchu, Consultant Radiologist, Royal Orthopaedic Hospital NHS Foundation Trust

Vendor neutral radiology teaching files system - Ahmed Adnan, Managing Director, Rosenfield DWC

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### K5 Chest and lung

**Imaging the airways – from very big to very small**

Chair: Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust

Imaging the trachea - Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust

Imaging in bronchiectasis - Dr Rebecca Duerden, Consultant Thoracic Radiologist, Manchester University NHS Foundation Trust

Imaging in small airways disease - Dr John Holemans, Consultant Radiologist, Liverpool Heart and Chest Hospital NHS Foundation Trust

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### K6 Service optimisation

**The benefits of imaging networks – emerging models**

Chair: Andy Howlett, Director of Imaging, Pathology & Pharmacy Improvement, NHS England and NHS Improvement

EMRAD – utilising your data for AI - Speaker TBC

YIC – singing from the same protocol - Speaker TBC

Image sharing at scale – a toolkit approach - Moira Crotty, Digital Implementation Lead, NHS England and NHS Improvement

Panel discussion and questions

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### K7 Proffered papers

**Therapeutic radiography service improvement**

Values versus evidence-based practice: Part 2 – should the art of communication become a continuous training requirement of a competent therapeutic radiographer? - Joanne Mitchell, Research Radiographer, Edinburgh Cancer Centre

Developing a robust local framework for the development of advanced practice - Denysie Hodgson, Principal Radiographer, Weston Park Hospital

Therapeutic radiographer-led sexual care clinic - Loryn Caulfield, Consultant Therapeutic Radiographer, Oxford University Hospitals NHS Foundation Trust

Using CBCT for dosimetric quality assurance of MR-only radiotherapy - Jonathan Wyatt, PhD Fellow, Newcastle University

Can CT-Cone Beam Computed Tomography (CT-CBCT) matching skills be transferred to Magnetic Resonance-CBCT (MR-CBCT) matching for MR-only prostate radiotherapy? - Rachel Brooks, Research and Development Clinical Specialist Radiographer, Newcastle upon Tyne Hospitals NHS Foundation Trust

Non-invasive cardiac radioablation for ventricular tachycardia – treatment delivery experiences from three centres - Karen Pilling, Clinical Lead Superintendent Radiographer, Newcastle Upon Tyne Hospitals NHS Foundation Trust

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### K8 Proffered papers

**History**

History and evolution of Artificial Intelligence - Elizabeth Beckmann, Chair, BSHR and Director, Lanmark

Early chest radiology pioneers and the beginnings of chest radiology - Dr Arpan K Banerjee, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust

Miss Marion Frank (1920 - 2011) “I have never been a good radiographer, but I knew how to get out of trouble” - Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University

Kathleen Clara Clark (1896-1968) and the need for standardisation - Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University

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**Wednesday 3 June 2020**
Wednesday 3 June 2020

**MORNING SESSIONS L**

09:50-10:50

**L1**  Hot topics

Hot topics – TBC

**L2**  MSK

Spinal imaging: Pearls and pitfalls – case-based approach

Chair: Dr Jaspreet Singh, Consultant MSK Radiologist and Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Spinal degeneration – clinical concepts - Dr Jaspreet Singh, Consultant MSK Radiologist and Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Spinal infection and inflammation - Dr Prudencia Tyrrell, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

Incidental lesions and beyond - Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust

**L3**  Obs & gynaec

Obstetrics and gynaecology interactive case review (OsiriX) (until 11:20)

Chair: Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust

Acute pelvic pain in the non-pregnant female - Dr Siham Sudderuddin, Consultant Radiologist, Imperial College Healthcare NHS Trust, and Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust

Placental / fetal imaging - Dr Elspeth Whitby, Consultant Radiologist, Sheffield Teaching Hospitals NHS Trust

**L4**  Informatics

Advances in radiotherapy planning and artificial intelligence

Chair, Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester

Big data to derive dose constraints - Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester

AI for patient stratification - Dr Andrew Green, Research Fellow, University of Manchester

Towards automation of the planning workflow - Dr Craig Parkinson, Research Associate, Cardiff University

Towards automation of the planning workflow - Philip Wheeler, Clinical Scientist, Velindre Cancer Centre

**L5**  Chest and lung

Lung cancer screening - the new frontier

Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust

Lung cancer screening – update and national context - Professor David Baldwin, Nottingham University Hospitals NHS Trust

Nodule-ology - pearls, pitfalls, algorithms and AI - Dr Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust

Incidental findings on lung cancer screening – why bother? - Professor Anand Devaraj, Consultant Radiologist, Royal Brompton and Harefield NHS Foundation Trust

**L6**  Research

How managers can facilitate clinical research

Chair: Dr Fiona Mellor, Lecturer and Superintendent, Radiographer, AECC University College

Owning and growing research in a (non-teaching) diagnostic radiology department - Professor Bev Snaith, Clinical Professor of Radiography, University of Bradford

Research stuff is what we do around here - Karen Smith, Head of Radiotherapy, Sheffield Teaching Hospitals NHS Foundation Trust

Getting started – growing research from student projects and beyond - Elizabeth Ladd, Head of Imaging, Taunton and Somerset NHS Foundation Trust

**L7**  Industry

Industry user group meetings

Session details TBC

**L8**  Ultrasound

Breast biopsy workshop

**L9**  X-ray room

A hands-on session for radiographers
**Wednesday 3 June 2020**

### PLENARY

**11:45-12:30**

**Plenary 3**

*Speaker TBC*

*Prize announcements*

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**12:35-13:20**  **Society keynote lectures**

**Society keynote lectures**

*SCoR Martine Jackson*

*Enabling therapeutic radiographers to come out gracefully to person-centred care*

*Gareth Hill, Head of Therapeutic Radiography, NHS Tayside*

*IPEM John Mallard*

*Speaker TBC*

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**From 12:30**  **Lunch, exhibition, poster tours, demo zone and education on the stands**

### AFTERNOON SESSIONS M

**13:45-14:45**

### M1  **Clinical oncology**

**Developing SABR: Treating oligometas - new imaging and treatment techniques**

*Chair: John Burton, Principal Radiographer Pre-treatment, Edinburgh Cancer Centre*

*Developing a SABR service and the treatment of oligometastatic disease - Dr Stephen Harrow, Consultant Clinical Oncologist, Thoracic Malignancies, The Beatson West of Scotland Cancer Centre*

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### M2  **Emergency & trauma**

**Interactive cases**

*An interactive session of cases to highlight key learning points of trauma imaging*

*Dr Sujit Vaidya, Consultant Radiologist, Barts Health Trust*

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### M3  **Obs & gynae**

**Pelvic pain**

*Chair: Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust*

*Multimodality imaging of chronic pelvic pain - Dr Sue Freeman, Consultant Radiologist, Addenbrooke’s Hospital*

*Pelvic congestion syndrome – diagnostic work up and treatment - Dr Narayan Karunanithy, Consultant Interventional Radiologist, Guys and St Thomas’ NHS Foundation Trust*
Wednesday 3 June 2020

M4 Informatics

Bringing 3D printing, augmented and virtual reality to your department
Chair: Dr Peter Metherall, Principal Clinical Scientist, 3D Imaging Lab, Sheffield Teaching Hospitals NHS Trust
Implementing a Point of Care 3D model service in the NHS - Dr Peter Metherall, Principal Clinical Scientist, 3D Imaging Lab, Sheffield Teaching Hospitals NHS Trust
From image to model – optimising the 3D workflow - Dr Jonathan Taylor, Principal Clinical Scientist, 3D Imaging Lab, Sheffield Teaching Hospitals NHS Trust
3D models in virtual and augmented reality - Dr David Randall, Research Associate, University of Sheffield

M5 Chest and lung

Interstitial lung disease
Chair: Dr Joe Jacob, Consultant Radiologist, Royal Free London NHS Foundation Trust
Classifying fibrotic lung disease - Dr Joseph Barnett, Consultant Radiologist, Royal Brompton and Harefield NHS Foundation Trust
Quantification and AI – new insights into ILD - Dr Joe Jacob, Consultant Radiologist, Royal Free London NHS Foundation Trust
Autoimmune related interstitial lung disease - Dr Mike Darby, Consultant Radiologist, The Leeds Teaching Hospitals NHS Trust

M6 Research

Mentorship in research
Chair: Dr Fiona Mellor, Lecturer and Superintendent, Radiographer, AECC University College
NIHR training advocates - Dr Carole Burnett, Lead Research and Innovation Radiographer, Leeds Teaching Hospitals NHS Trust
ForRm research mentoring for radiography, design, implementation and evaluation - Dr Christina Malamateniou, Postgraduate programme Director Radiography (MRI/CT), City, University of London
Research mentorship for the medical physicist – guiding an uncharted path - Professor Ranald MacKay, Director Christie Medical Physics and Engineering, The Christie NHS Foundation Trust

M7 Industry user group meetings

Industry user group meetings
Session details TBC

Afternoon sessions N

14:50-15:50

N1 MSK

Spinal scoliosis
Chair: Dr Michael Khoo, Consultant Radiologist, Royal National Orthopaedic Hospital NHS Trust
Radiographic techniques for spinal deformity - Ymma Pennicard, Senior Radiographer, Royal National Orthopaedic Hospital NHS Trust
Spinal deformity – the surgeon’s perspective - Mr Robert Lee, Consultant Spinal Surgeon, Royal National Orthopaedic Hospital NHS Trust
MRI in scoliosis - Dr Ian Pressney, Consultant MSK Radiologist, Royal National Orthopaedic Hospital NHS Trust
CT & SPECT CT imaging in scoliosis - Dr Bhavin Upadhyay, Consultant MSK Radiologist, Royal National Orthopaedic Hospital NHS Trust
**Wednesday 3 June 2020**

**N2 Proffered papers**

**Service delivery & innovation**
- CQC inspection of diagnostic imaging – what we have learned - Wendy Wilkinson, Director of Clinical Quality, InHealth
- Humanising healthcare – positive collaboration between universities and healthcare charities - Sophie Willis, Senior Lecturer, City, University of London
- Clinician and patient perspectives on the requirements for independent patient image access – a qualitative analysis - William Cox, Senior Lecturer, University of Portsmouth
- Communication and knowledge of radiation and risk by professionals – is it adequate for informed discussion - Louise Burton, PhD Candidate, University of Derby
- Skeletal surveys – from referral to report: A survey of key clinical user groups’ understanding of the process - Dr Sameen Akhtar, Consultant Radiologist, Pennine Acute Hospitals NHS Trust
- The personal impact of work-related musculoskeletal disorders (WRMSD) on sonographers - Gareth Bolton, Senior Lecturer/Ultrasound Programme Leader, University of Cumbria

**N3 Gynaecology & gynaecology**

**Gynaecological malignancy**
- Chair: Dr Siham Sudderuddin, Consultant Radiologist, Imperial College Healthcare NHS Trust
- Role of PET/CT in gynaecological malignancy - Dr Tara Barwick, Consultant Radiologist, Imperial College Healthcare NHS Trust
- Imaging of fertility sparing treatment in gynaecological malignancy - Dr Nishat Bharwani, Consultant Radiologist, Imperial College NHS Trust
- Gynaecological malignancy presenting in pregnancy - Dr Faye Cuthbert, Consultant Radiologist, Brighton and Sussex University Hospitals Trust

**N4 Informatics**

**Radiomics – what you need to know**
- Chair: Dr Emiliano Spezi, Leader for Medical Engineering and Cancer Imaging Data Analytics, Cardiff University
- The science of radiomics - Dr Sean Walsh, Chief Science Officer, OncoRadiomics SA
- Current and future applications of radiomics - Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester
- Challenges in radiomics and how to overcome them - Dr Emiliano Spezi, Leader for Medical Engineering and Cancer Imaging Data Analytics, Cardiff University

**N5 Chest and lung OsiriX**

**Chest and lung interactive case reviews**
- Facilitator: Dr Klaus Irion, Professor of Thoracic Imaging, The University of Manchester