Disease and diversity

2-4 July 2018
ACC and ECL Liverpool

Register before Monday 23 April 2018 for discounted earlybird rates

Delegate information

#UKRCO2018
Presidents’ welcome
Welcome to UKRCO 2018. This will be the the 3rd integrated UKRC and UKRO. It will be the largest multidisciplinary congress worldwide, showcasing the knowledge, skills and contribution of all professional groups and industry within diagnostic imaging and radiation oncology.

The UKRC and UKRO organising committees have developed a comprehensive and challenging scientific and educational programme with a particular focus on the theme of this year's congress, ‘Disease and Diversity’.

There is a wide range of sessions and formats including didactic lectures from speakers recognised as experts in their fields (from within the UK, Europe and International), interactive presentations with voting opportunities, OsiriX workstation sessions and live hands on demonstrations with ultrasound.

The sessions have been designed to inform, stimulate and educate in the widest sense to disciplines and levels of skills and experience. They include general and specialist topics as well as sessions aimed towards trainees and even younger, with local school pupils joining us during the morning of the second day, with a view to encouraging the next generation of health care professionals.

In keeping with the commitment of the congress to look at health care in the context of developments (both technological and human) in the wider world, there is a plenary session on each day where high profile invited speakers address current topics: Extreme disaster response and Imaging in a war zone (Monday); Too sensitive for science? Demolition of stereotypes (Tuesday) and the plenary debate on Knowledge: How much is too much? (Wednesday).

A large and important component of the congress is the continued development of links with industry partners who are supporting the largest comprehensive exhibition in the UK and opportunities to engage with technology advances in the exhibition demo zone. In addition, our industry partners are supporting an open learning programme in the exhibition hall with a different theme each day: Monday - Health informatics; Tuesday - Advances in clinical technology and Wednesday - Asset management.

As ever there is a diverse social programme which commences in the exhibition hall with a welcome reception (drinks and nibbles – free to all delegates and day visitors) on Monday evening to meet other delegates, catch up with old friends, make new contacts and explore the future of imaging with our exhibitors.

This joint congress of UKRC and UKRO represents co-operation and the utilisation of a vast body of data in diagnostic imaging and radiation oncology across professional disciplines and industry. The huge efforts of everyone involved in developing, sponsoring, organising and supporting the event needs to be recognised.

On behalf of everyone, we hope you have a wonderful congress!

Julian Kabala, Congress President, UKRC 2018
Angela Baker, Congress President, UKRO 2018
Exhibition

The exhibition
With over 100 exhibition stands, including the top companies in the industry, this is the largest joint clinical imaging exhibition in the UK. It provides a wealth of information for a multi-disciplinary audience, a great opportunity to network, learn of all the latest developments and source relevant product information and technical updates. The trade exhibition is complimented by a large poster display, consoles to view ePosters, access the internet, together with a programme of CPD Now on the stands.

A directory of exhibitors will be available within the congress handbook to help you identify organisations you wish to engage with. Delegates for both events are invited to visit all exhibition stands. Following the success of 2017, we have the demo zone within the exhibition showcasing product demonstrations, product launches, tips and techniques, research and other innovations.

Education on the stands
This popular initiative provides delegates and exhibition visitors with an opportunity to gain an insight into the latest technologies and methods. Exhibition day visitors will be able to attend CPD Now accredited ‘education on the stands’ presentations from industry partners. The education on the stands programme will be released nearer to the event, so do check the website and app for up-to-date information.

Exhibition lecture theatre, demo zones and eponymous lectures
The exhibition lecture theatre, demo zones and eponymous lectures are open to all delegates, including exhibition day visitors, providing an opportunity to get updates. The programme will be subject to change with additional sessions to come – please check the website and congress app for up-to-date details.

Radiopaedia case contest
Throughout the congress, the Radiopaedia case contest is open to all delegates. Challenge yourself on any of the 6 concurrent case streams with a chance to win prizes. For each stream, the person with the best set of answers will win free entry to UKRCO 2019 and an all-access pass to Radiopaedia’s online courses. In addition, Medica are sponsoring an overall prize of an iPad for the person with the best answers across all the streams. Once again, the contest is also open to participants not attending the conference to compete online, with 6 all-access passes up for grabs.

Giant touchscreen table
Located in the exhibition hall, these sessions will focus on medical education using clinical case studies and demonstrate the role of the table in the Multi-Disciplinary Team setting. Places are limited with a mixture of beginner and advanced sessions.

Mobile app
The mobile app will have an interactive floor plan, integrated social media in addition to up-to-date programme information, speaker biographies, exhibitor and sponsor information, general information and poster abstracts, all easily navigable. Further information will be sent soon.

Poster displays
There will be a display of nearly 300 posters from a variety of disciplines for both UKRC and UKRO. This vast source of latest information will demonstrate cutting edge research, service innovations, results of local intervention schemes and much more. Poster tours of award winning posters will be organised during the congress breaks.

ePosters
In addition to the paper posters there will be a large number of ePosters which can be accessed on site through a number of computer consoles, or viewed at leisure after the event through the website or even on your phone. Different ePosters will be featured daily.

Call for papers
Don’t miss the opportunity to present your work in an oral or poster presentation. The congress committee is inviting submissions of scientific papers for UKRO; posters will be on display for the duration of the congress in the exhibition hall. The presenter will be required to register for the congress to present their poster or paper.

Submission deadlines:
UKRO: Friday 23 March 2018
Please note the UKRC submission deadline has now passed.

For further details or to submit an abstract please visit www.ukrco.org.uk
We have colour coded the streams to allow you to follow your favourite topics. The colour will also continue on the onsite programme at the congress.

Open to all including day visitors

**Congress overview - MONDAY 2 JULY: PACS MANAGER DAY**

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Register before **Monday 23 April 2018** for discounted earlybird rates

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**Congress overview - TUESDAY 3 JULY: RADIOTHERAPY SERVICE DELIVERY DAY**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Registration open</td>
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<tr>
<td>08:10</td>
<td>E1 UKRO Radiotherapy service delivery</td>
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<td>E2 MSK Bone and marrow</td>
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<td>E3 Chest Infectious diseases of the chest</td>
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<td>E4 Service delivery Driving transformation</td>
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<td>E5 Head and neck Sinus and orbit</td>
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<td>E6 Obs and gynaec OsiriX</td>
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<td>E7 GI and hep The confusing belly</td>
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<td>08:00</td>
<td>Joint UKRCO plenary session</td>
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<td>Workforce challenges</td>
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<td>Research Getting funding</td>
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<td>Imaging technologies PETMR</td>
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<td>Obs and gynaec Adnexa</td>
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<td>GI and hep Incidental findings</td>
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<td>Informatics Post-modern healthcare systems</td>
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<td>NHS England high energy proton service</td>
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<td>Lunch, refreshments, poster tours, exhibition on stands</td>
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<td>12:00</td>
<td>IPEM - John Mallard Lecture</td>
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<td>12:30</td>
<td>G1 UKRO Service re-design</td>
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<td>G2 MSK Inflammatory artho-myopathy</td>
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<td>G5 Head and neck Top tips</td>
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<td>G6 Obs and gynaec Uterus</td>
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<td>G7 GI and hep OsiriX</td>
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<td>G8 Implementing IRR2017</td>
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<td>Refreshments, poster tours, exhibition on stands</td>
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<td>H1 UKRO Radiotherapy board</td>
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<td>H2 SMRT Lung cancer update</td>
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<td>H3 Chest Late breaking proffered papers</td>
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<td>H4 Head and neck OsiriX</td>
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<td>H5 Head and neck OsiriX Ethics and law</td>
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<td>H6 RPS Practical issues</td>
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<td>H7 Informatics National resources</td>
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<td>AXREM dinner and joint congress supper</td>
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THE UK RADIOLOGICAL CONGRESS AND RADIATION ONCOLOGY CONGRESS

Register before Monday 23 April 2018 for discounted earlybird rates

Congress overview - WEDNESDAY 4 JULY

ASSET MANAGEMENT DAY

Ultrasound
FRCR
Demo zone
Exhibition Lecture

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<tr>
<th>Time</th>
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We have colour coded the streams to allow you to follow your favourite topics. The colour will also continue on the onsite programme at the congress.

Open to all including day visitors

Joint UKRCO debate - Knowledge: How much is too much?

Chair: Paul McCoubrie
Speakers: Ethicist: Stacy Carter, Lawyer: Daniel Sokol, Geneticist: Katie Snape

You want it… but how might you get it

COR - Welbeck Memorial Lecture
Penny Owens

Lunch, exhibition and education on stands

IPEM - Douglas Lea Lecture
Kevin Prise

You want it… but how might you get it
Morning sessions A:

08.30 – 09.50

**UKRO opening session**

Chair: Angela Baker, President, UKRO, UK
Choosing the right treatment for the right patient at the right time - Anthony Zietman, Radiation Oncologist, Massachusetts General Hospital, USA

#hellomynameis – the legacy of Dr Kate Granger MBE: Through adversity comes legacy - Chris Pointon, Co-founder & Global Campaign Ambassador, hellomynameis.org.uk, UK

**Around the hip in 80 minutes**

Chair: Rowena Johnson, Consultant Musculoskeletal Radiologist, Fortius Clinic, UK
Anatomy of the groin and the PLAC - Adam Mitchell, Consultant Radiologist, Fortius Clinic, UK
Intra-articular hip abnormalities - Rajat Chowdhury, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Trust, UK
Extra-articular hip abnormalities - Gajan Rajeswaran, Consultant Musculoskeletal Radiologist, Fortius Clinic, UK

Hip imaging: What the surgeon wants to know - Marcus Bankes, Consultant Orthopaedic Hip Surgeon, Guy’s & St Thomas’ NHS Foundation Trust and Fortius Clinic, UK

Overview of session:
- Teaching on the new anatomical concept of the pyramidalis–anterior pubic ligament–adductor longus complex (PLAC) and its role with adductor injuries, with clinical examples.
- Tips and tricks on the imaging of intra-articular and extra-articular hip problems.
- Insight from an opinion leader in hip surgery on what surgeons want to know from the radiologist

**Service optimisation and QA proffered papers**

Chair: Nicholas Wozniak, Clinical Academic Reporting Radiographer, Homerton University Hospital NHS Foundation Trust, UK

Assuring a representative research sample: Importance of evaluating the demographics of those who decline to participate in research - Craig Roe, CT Advanced Practitioner, Leeds Teaching Hospitals NHS Trust, UK

Impact of a radiographer led teleradiology hot-reporting service on an emergency department missed-fracture rate - Paul Simpson, Advanced Practitioner, City Hospitals Sunderland NHS Foundation Trust, UK

Radiological assessment of nasogastric tube position - a quality improvement project - Naomi Fenton, ST3 Radiology Registrar, North Bristol NHS Trust, UK

How do patients prefer to receive their radiology results in the 21st century? - Arnitha Ajith, Sunderland Royal Hospital, UK

Report requirements for specialist non-medical referrers requesting MRI - Darren Hudson, MRI Radiographer (SE), InHealth, UK

The accuracy of three-dimensional computed tomography images using different scanning protocols - Rob Stroud, Medical Student, Warwick Medical School, UK

Evaluation of occupational exposure from electromagnetic field radiation on mobile magnetic resonance imaging units - Ana Filipa Sousa, Lead Mobile MRI Radiographer (SE), InHealth, UK

**The new regulations**

Chair: Graham Hart, FPA/LPA, Your FPA, UK

IRR2017 - James Taylor, HM Principal Inspector (Radiation), Health and Safety Executive, UK

IRMER18 - Steve Ebdon-Jackson, Head of Medical Exposures, Health Protection Agency, UK

Overview of session: The aim of the session is to provide information on the key issues surrounding the implementation of new regulations covering the medical uses of ionising radiations and their impact on staff, the public and patients.

**Imaging in heart muscle disease**

Chair: Hatef Mansoubi, Clinical Director and Consultant Radiologist, Western Sussex Hospitals NHS Foundation Trust, UK

Echo in cardiomyopathy - Lynne Williams, Consultant Cardiologist, Royal Papworth Hospital, UK

CMR of non-ischaemic cardiomyopathy - Bobby Agrawal, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust, UK

CMR of ischaemic cardiomyopathy - Vass Vassilou, Cardiologist, Consultant, West Suffolk & Royal Brompton Hospitals, UK

PET CMR in cardiomyopathy - Marc Dweck, Consultant Cardiologist, University of Edinburgh, UK

**Prostate cancer diagnosis - a changing paradigm**

Chair: Jane Belfield, Lead Radiologist for Urology, Clinical Director, Royal Liverpool and Broadgreen University Hospitals NHS Trust, UK

Developing and maintaining a prostate MRI service - Tristan Barrett, Consultant Radiologist, University of Cambridge, UK

Contrast controversies in prostate MRI: Biparametric or multiparametric? - Jonathan Richenberg, Consultant Radiologist, Royal Sussex County Hospital, Brighton, UK

Overview of session:
- To learn about the advances and application of multiparametric MRI in prostate cancer diagnosis, with reference to the multicentre UK PROMIS trial
- To educate on the difficulties and logistics of developing and maintaining a robust prostate MRI service in the current NHS climate
- To learn the value of dynamic contrast enhanced sequences for prostate cancer diagnosis
**Congress programme - Monday 2 July**

### Morning sessions B:

**11.30 – 13.20**

#### B1 Immunotherapy and radiotherapy combinations

**United Kingdom Radiology Organisation (UKRO)**

**Overview of session:**
- **Cancer immunotherapy for beginners - the rationale for RT and immunotherapy combinations** - Kevin Harrington, Joint Head of the Division of Radiotherapy and Imaging, The Institute of Cancer Research, UK (invited)
- **RT and immunotherapy trials a European perspective** - Philipp Lambin, Clinician and Radiation Oncologist, Maastricht University, The Netherlands (invited)
- **RT and immunotherapy trials - the UK portfolio** - Fiona McDonald, Consultant Clinical Oncologist, The Royal Marsden NHS Foundation Trust, UK (invited)

#### B2 Emergency head and spine imaging

**Chair:** Lisa Meacock, Consultant Radiologist, King’s College Hospital NHS Foundation Trust, UK

**Panel discussion:**
- Working together towards safe and efficient working practices

**Overview of session:**
- How industry, clinicians and IT can work together to promote working practices which safeguard patients and their data but in ways that promote efficient and effective working.

#### B3 Intelligent workflow in radiology

**Chair:** Nicholas Spencer, Consultant Radiologist, Mid Yorkshire Hospitals NHS Trust, UK

**Overview of session:**
- **Paperless working in radiology** - Stephen Fenn, Consultant Radiologist, Hampshire Hospitals NHS Foundation Trust, UK
- **Paperless working in CT and MRI** - Hatef Mansoubi, Consultant Radiologist, Western Sussex Hospitals NHS Foundation Trust, UK
- **Business intelligence applications for radiology** - Philip Brentnall, Product Strategy Manager, Wellbeing Software Group, UK
- **Radiologist workflow, current and future state** - Gary Dee, Radiologist, Wallingford, Connecticut, USA

### Afternoon sessions B:

**14.30 – 16.20**

#### B3 Service delivery continued

**Overview of session:** Changing the way we work is always challenging in busy NHS radiology services. Delegates can expect to gain knowledge of some of the options to improve workflow and the benefits and challenges they may face in implementing them.

#### B4 Breast

**Mock multidisciplinary meeting**
- Tamara Suans, Consultant, St Bartholomew’s Hospital, London, UK
- Sarah Vinnicombe, Clinical Senior Lecturer and Honorary Consultant Radiologist, Ninewells Hospitaland and Medical School, UK
- Claire Bondi, St Georges Hospitals NHS Foundation Trust, UK
- Laura Johnson, Consultant Oncoplastic and Reconstructive Breast Surgeon, St Bartholomew’s Hospital, London

#### B5 Cardiac

**Cardiac CT beyond the coronary arteries**

**Chair:** Charles Flexibles, Consultant Radiologist, University Hospital Southampton NHS Foundation Trust, UK

**Overview of session:**
- **Dose reduction techniques** - Hafed Mansoubi, Clinical Director and Consultant Radiologist, Western Sussex Hospitals NHS Foundation Trust, UK
- **Assessing valvular disease with CT** - Ben Hudson, Consultant Radiologist, Bath Radiotherapy Group, UK
- **Dual energy cardiac and pulmonary CT** - Michelle Williams, Clinical Lecturer in Cardiothoracic Radiology, The University of Edinburgh, UK
- **Cardiac PET CT** - David Newby, Personal Chair - BHF John Wheatley Chair of Cardiology, The University of Edinburgh, UK
## Congress programme - Monday 2 July

### Prostate MRI workshop
**Facilitators:** Armit Patel, Consultant Radiologist, Lister Hospital, UK; Tristan Barrett, Consultant Radiologist, University of Cambridge, UK; Jonathan Richenberg, Consultant Radiologist, The Mount Sinai Hospital, UK; Uday Patel, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust, UK

**Overview of session:**
- An interactive hands-on session reviewing prostate MRI studies and adopting a multiparametric approach to lesion assessment
- To learn about the pitfalls in prostate MRI and alternative pathology which may mimic prostate cancer
- To familiarise delegates with MRI assessment and reporting according to the latest PI-RADS guidance

### Children are not small adults
**Chair:** Samantha Negus, Paediatric Radiologist, St George’s University Hospitals NHS Foundation Trust, UK

**Approaches for autism/learning difficulties and radiography** - Emma McDonough, Lead Radiographer, Alder Hey Children’s NHS Foundation Trust, UK

**Making a safe environment - immobilisation and safeholding implications for radiographers/radiography** - Harry Bliss, Lecturer in Diagnostic Radiography, London, UK

**Melatonin for MRI** - Mary Pirie, Superintendent Radiographer, NHS Greater Glasgow and Clyde, UK

**Approaches to LMP and legal issues** - Andrea Hulme, Lead General Radiographer, Royal Manchester Children’s Hospital, UK

### Radiation protection and dose proffered papers
**Chair:** TBC

**Use of a Digitally Reconstructed Radiograph (DRR) based computer simulation for optimisation of tube voltage for chest imaging using a Digital Radiography (DR) system** - Craig Moore, Clinical Scientist, Hull & East Yorkshire Hospitals NHS Trust, UK

**Optimisation of neonatal radiology** - Belinda Gorell, Clinical Scientist, Radiation Protection Service Cardiff, UK

A comparative study to evaluate radiation dose and image quality for neonate and adult chest radiography among several diagnostic radiography X-ray units - Sadiq Al-Murshedi, PhD Student, Salford University, UK

Are we fatter when flatter? A prospective cohort study exploring technique change in pelvic radiography - Kevin Frithham, Advanced Radiographer Practitioner, The Mid Yorkshire Hospitals NHS Trust, UK

Construction and implementation of a low cost paediatric pelvic imaging phantom for dose optimisation studies - Ali Mohammed Ali, PhD Student, University of Salford, UK

Focused CTPA: Dramatic dose reduction is achievable using a restricted field of view - Amy Greenwood, Cheltenham General Hospital, UK

**ASRT exchange lecture: On-table treatment adaptation and motion management using MR-guided radiotherapy** - 4 Years of clinical implementation - Erin Wittland, Advanced Practice RT(T), Barnes Jewish Hospital and Washington University and Siteman Cancer Center

### Artificial and augmented intelligence: An introduction
**Chair:** Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK

**What are artificial intelligence and intelligence augmentation?** - Jake Durgan, General Manager, International Radiology Informatics, Philips, UK

Can artificial and augmented intelligence improve radiology work flow efficiencies, diagnostic accuracy and patient outcomes? - Mark O’Herlihy, Managing Director EMEA, IBM Watson Health, UK

**The informed patient - AI and self-diagnosis: A possibility or science fiction?** - Navin Ramachandran, Radiologist, University College London Hospitals, UK

**Panel discussion**

From 12.40 **Lunch, exhibition and education on the stands**
**Afternoon sessions C:**

**C1**
**Patient and Public Involvement (PPI)**
PPI, using it properly, patient engagement - Jane Maher, Chief Medical Officer, Macmillan Cancer Support, UK
How social media research can contribute to improving the care and support of radiotherapy patients - Kim Measing, Radiotherapy Research Advanced Practitioner, University Hospital Southampton NHS Foundation Trust, UK
Examples of using PPI to influence and drive change - Dany Bell, Specialist Advisor, Macmillan Treatment and Recovery, UK

**C2**
**Test yourself: Code red traumas and the acute abdomen**
Chair: Elizabeth Dick, Lead for Emergency Radiology, Imperial College London, UK
Code red trauma calls - Do not miss this! - Elizabeth Dick, Lead for Emergency Radiology, Imperial College London, UK
The role of the interventional radiologist in trauma - Graham Collins, Radiology Consultant, North Bristol NHS Trust, UK
The acute abdomen - Beth Hankinson, Consultant, Royal Liverpool Hospital, UK
Post operative acute abdomen - Priya Healy, Royal Liverpool and Broadgreen University Hospitals NHS Trust, UK
This interactive session is case based – you can test your knowledge and pick up new pearls
Overview of session:
- How can the radiologist/interventionalist make a difference
- ‘Do not miss’ examples from everyday practice

**C3**
**Changes in radiology training**
Chair: Caroline Parkin, Consultant Radiologist, Manchester University NHS Foundation Trust, UK
Shape of training and FRCR curriculum development - Jane Phillips-Hughes, Consultant Radiologist & Chair of the RCR Curriculum Committee, Oxford University Hospitals NHS Trust, UK
Maximising training production and quality: What we are doing in the NE and Cumbria - Richard Cooper, Consultant Radiologist South Tyneside NHS Foundation Trust, UK & ex Head of the Northern School of Radiology, HEE North East, UK
Evolution of the FRCR exam
- Jo Fairhurst, Consultant Paediatric Radiologist & Chair of Fellowship Examination Board, UK
- David Salvage, Consultant Radiologist, Chair of FRPR B Examination Board, UK
- Daniel Connolly, Consultant Radiologist, Chair of FRPR B Examination Board, UK
Overview of session: This session provides an overview of recent changes to the FRPR curriculum, radiology training in the UK and the FRPR exam.

**C4**
**Breast**
Chair: Tamara Suaris, Consultant, St Bartholomew’s Hospital, London, UK
Risk stratification in breast screening - Sarah Vinnicombe, Clinical Senior Lecturer and Honorary Consultant Radiologist, Ninewells Hospital & Medical School, UK
Challenges and opportunities for the breast screening workforce - Claire Borelli, St George’s University Hospitals NHS Foundation Trust, UK
Radiology and surgical planning: What a surgeon needs to know - Laura Johnson, Consultant Oncoplastic and Reconstructive Breast Surgeon, St Bartholomew’s Hospital, London
DeepMind’s approach to AI in health - Tony Corkett, Partnerships and Deployment Manager, DeepMind Health, UK

**C5**
**Cardiac OsiriX**
Facilitators:
- Swanny Gedela, Consultant Cardio-Thoracic Radiologist, Essex Cardio-Thoracic Centre, Basildon, UK
- Bobby Agrawal, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust, UK

**C6**
**Stone disease and tumour ablation**
Chair: Amit Patel, Consultant Radiologist, Lister Hospital, UK
Urinary tract stones - image driven datasets and management planning - Uday Patel, Consultant Radiologist, St George’s University Hospitals NHS Foundation Trust, UK
What’s changed in interventional uroradiology? - Julian Keanie, Radiologist, Western General Hospital, Edinburgh, UK
Image guided ablation of renal tumours - Phil Haslam, Consultant Radiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
Overview of session:
- An update on the multi-modality approach imaging approach of renal stone disease, including the application of dual energy CT
- To discuss recent advances and changes in interventional uroradiology, including review of percutaneous nephrostomy insertion, ureteric stenting and management of stone disease
- To educate on case selection and technique of image guided ablation of renal tumours as an alternative to surgery

**C7**
**Changing patterns of disease in children**
Chair: Andrea Brammer, Risk Manager and Paediatric Radiographer, Manchester University NHS Foundation Trust, UK
Emerging infections - Caren Landes, Consultant Paediatric Radiologist and Service Group Lead for Radiology, Alder Hey Children’s NHS Foundation Trust, UK
The changing epidemiology of oncology during childhood - Marina Easty, Consultant Paediatric Radiologist, Great Ormond Street Hospital, UK
Gender dysmorphia - Jenny McKinstry, Superintendent Radiographer, Royal Belfast Hospital for Sick Children, UK
Disease modulation by treatment - Kevin Webb, Consultant Respiratory Physiicain, University Hospital of South Manchester NHS Foundation Trust, UK

**M3**
**Cardiac**
Chair: Caroline Parkin, Consultant Radiologist, Manchester University NHS Foundation Trust, UK
Shape of training and FRPR curriculum development - Jane Phillips-Hughes, Consultant Radiologist & Chair of the RCR Curriculum Committee, Oxford University Hospitals NHS Trust, UK
## Congress programme - Monday 2 July

### 14.20 – 15.40 EXHIBITION SESSION

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<td><strong>Chair:</strong> Maryann Hardy, Professor of Radiography &amp; Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK</td>
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<td><strong>Overview and update</strong> from consolidated data - Andrew Morris, Director of UK Health &amp; Biomedical Informatics Research Institute (HDR-UK), UK</td>
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<td><strong>Integrated oncology informatics - evidence-driven decisions and personalised cancer care</strong></td>
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<td><strong>Chair:</strong> Stephen McMillan, Solutions Lead, UKI, Business Manager for UKI Healthcare Informatics, Philips UK/I, UK</td>
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<td><strong>Overview of session:</strong> In this dynamic session, we look to demystify the reality from the showbiz of Artificial Intelligence, exploring issues such as the various terms used, difference approaches between suppliers, what is currently achievable, and how we can bring cutting edge AI to closed systems such as the NHS.</td>
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### Afternoon sessions D:

#### 15.00 – 16.00

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<th><strong>Post mortem CT</strong></th>
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<td><strong>Chair:</strong> Bruno Morgan, Professor of Cancer Imaging and Radiology, University of Leicester, UK</td>
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<td><strong>Can imaging diagnose the cause of natural death?</strong> - Zoe Traill, Consultant Radiologist, Oxford University Hospitals NHS Trust, UK</td>
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<td><strong>Setting up NHS post-mortem imaging</strong> - Simon Beardsmore, Consultant Radiologist, Lancashire Teaching Hospitals, UK</td>
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<td><strong>Scanning for mass fatality incidents</strong> - Claire Robinson, Advanced Practitioner Forensics, University Hospitals of Leicester NHS Trust, UK</td>
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<td><strong>Forensic post-mortem imaging</strong> - Siobhan McLaughlin, Consultant Radiologist, Royal Infirmary of Edinburgh, UK</td>
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<th><strong>Knowledge based planning – The needs of contemporary knowledge based planning</strong></th>
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<td><strong>Chair:</strong> Peter Sharpe, Chief Executive Officer, Cobalt Health, UK</td>
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<td><strong>Overview and update</strong> - Andy Beavis, Consultant Medical Physicist and Head of Radiation Physics, Hull and East Yorkshire NHS Hospitals Trust, UK</td>
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<td><strong>MR imaging planning</strong> - Martin Marten, The Institute of Cancer Research and The Royal Marsden NHS Foundation Trust, London, UK (invited)</td>
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<th><strong>MUSICA image processing - Care you can see</strong></th>
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<td><strong>Chair:</strong> Hifz Aniq, Consultant Radiologist, Royal Liverpool and Broadgreen University Hospitals Trust, UK</td>
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<td><strong>Optimisation of image processing algorithms for bed-side chest radiography</strong> - Tim Wood, Principal Physicist and Radiation Protection Adviser, Hull and East Yorkshire Hospitals NHS Trust, UK</td>
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<td><strong>Measurement of operator scatter for endoscopy procedures employing a tube over couch system</strong> - Paul Charnock, Clinical Scientist, Medical Physics Expert and Radiation Protection Advisor, Integrated Radiological Services (IRS) Limited, UK</td>
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### Refreshments and exhibition, poster viewing, demo sessions and education on the stands

**From 15.30**
Doctorate den
Chair: Janice St. John-Matthews, Academic Director, Department of Allied Health Professions, The University of the West of England, Bristol, UK

More than one way to "win a hat" - Leslie Robinson, Honorary Reader in Teaching and Learning, Diagnostic Radiography, University of Salford, UK

Calling all radiography doctorate students, prospective doctorate students and newly completed doctorate students. Following positive feedback from UKRCo 2017 the Doctorate Den returns. In 2016, the Society & College of Radiographers released the “Research Strategy 2016-2021” and pledged 1% of the profession would hold doctorates by 2021. Be part of the growing community of “radiographers’ undertaking doctorates” to advance the profession.

This year’s session will include a presentation of case-studies on the different doctorate routes followed by a Q&A session and informal networking.

Overview of session:
• Find out what you might gain from undertaking doctoral research training
• Learn about the different routes to gaining a doctoral award and discover which might be the best option for you
• Be inspired by radiographers who have achieved doctoral status and find out what they did next

Fellowship speed dating
Following the successful launch of a radiology fellowship networking event last year, the session is being rerun at UKRCo 2018. The event enables trainees interested in doing fellowships to meet with representatives from units that offer fellowships.

It is an informal gathering during the wine reception in the demo zone of the main exhibition hall. Representatives from units that offer fellowships will be available for discussion about the opportunities that they offer. This represents a valuable networking opportunity for trainees and trainers alike

Welcome wine reception in exhibition and poster viewing

16.00 – 17.20 EXHIBITION SESSION

Working with PACS: What clinicians need to know
Chair: Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK

PACS for radiographers - Karen Hawkins, PACS Manager, Radiology Directorate, Diagnostic & Professional Services Division, Nobles Hospital, Isle of Man, UK
PACS for radiologists - Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK
The future of PACS - Charlie McCaffrey, Managing Director, Carestream Health UK Limited, UK
Panel discussion

- Charlie McCaffrey, Managing Director, Carestream Health UK Limited, UK
- Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK
- Karen Hawkins, PACS Manager, Radiology Directorate, Diagnostic & Professional Services Division, Nobles Hospital, Isle of Man, UK
- Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK
- Thomas Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK

From 17.15

Welcome wine reception in exhibition and poster viewing

17.30 – 18.30 Doctorate den
Chair: Janice St. John-Matthews, Academic Director, Department of Allied Health Professions, The University of the West of England, Bristol, UK

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Welcome wine reception in exhibition and poster viewing
THE UK RADIOLOGICAL CONGRESS AND RADIATION ONCOLOGY CONGRESS

Congress programme - Tuesday 3 July

Morning sessions E:

08.00 – 09.20

E1 UKRO

Radiotherapy service delivery
RCR outlining and peer review recommendations – how and who? - Tom Roques, Consultant Clinical Oncologist, Norfolk and Norwich University Hospitals NHS Foundation Trust, UK
Implications of the new IRMER regulations in radiotherapy - Uma Findlay, Senior Clinical Radiotherapy Officer, Public Health England, UK
Unintended exposures in radiotherapy: Over, under and outside - David Eaton, RTTQA Lead Clinical Scientist, Mount Vernon Hospital & Chair, IPEM Radiotherapy Special Interest Group, UK

E2 MSK

Marrow imaging and bone tumours
Chair: Qaiser Malik, Consultant Radiologist, Basildon and Thurrock University Hospital NHS Trust, UK
Normal marrow imaging pattern - Ishaq Uli, Consultant in Clinical Radiology, North Bristol University Hospital NHS Trust, UK
Abnormal marrow imaging pattern - Abhishek Jain, Consultant Radiologist, Royal Liverpool University Hospital, UK
Marrow oedema patterns in trauma - Qaiser Malik, Consultant Radiologist, Basildon and Thurrock University Hospital NHS Trust, UK
Imaging of bone tumours - Naomi Winn, Consultant Radiologist, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, UK

E3 Chest

Infectious diseases update
Chair: Mary Roddie, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK
Chronic aspergillosis - what is it and why should I know about it? - Sujal Desai, Consultant Radiologist, Royal Brompton and Harefield NHS Foundation Trust, UK
Emerging infections - Carolyn Allen, Clinical Director, The Pennine Acute Hospitals NHS Trust, UK
Atypical mycobacterial infection - Steve Ellis, Consultant Thoracic Radiologist, Barts Health NHS Trust, UK
The imaging of ARDS - what does radiology contribute? - Sujal Desai, Consultant Radiologist, Royal Brompton and Harefield NHS Foundation Trust, UK

E4 Obs and Gynae

Obstetrics and Gynaecology Osiris cases
Facilitators:
Shiam Sudderuddin, Consultant, Radiology Registrar, Imperial College Healthcare NHS Trust, UK
Nishat Bharwani, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK

E5 Head and neck

How I do it
Chair: Chris Greenall, Consultant Dental Radiologist, ABMU and Cwm Taf Health Boards, UK
Facial fractures - a crash course - Elizabeth Loney, Clinical Director of Radiology and Consultant Radiologist, County Durham and Darlington NHS Foundation Trust, UK
Sinuses can be cool! - Sarah LaPorte, Consultant Radiologist, Milton Keynes University Hospital NHS Foundation Trust, UK
Fast track neck lump clinics - Many ways to skin a cat…
• Catherine Kirkpatrick, Consultant Sonographer, University of Bradford, UK
• Karen Knapp, Head of Medical Imaging, University of Exeter, UK
• Helen Burland, Pre-Treatment Lead Technological solutions to imaging the obese patient
Chair: Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK
Imaging the obese patient - Karen Knapp, Head of Medical Imaging, University of Exeter, UK
Advances in RTP CT with the SOMATOM confi… - Helen Bunland, Pre-Treatment Lead Superintendent Radiotherapy, The Royal Marsden NHS Foundation Trust, UK
We are all different - How biomatrix technology can aid consistent MR imaging for each and every patient - Tracey Chalmers, MR Product Specialist, Siemens Healthineers, UK
Panel discussion

E6 GI and hep

The confusing belly
Chair: Katherine van Ree, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK
Bariatric imaging for dummies - Dominic Blunt, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK
Small bowel obstruction – time for a transition - James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust, UK

09.30 – 10.30 JOINT UKRCO PLENARY SESSION

Too sensitive for science? Demolition of stereotypes - Emily Grossman, Freelance science broadcaster, writer and educator, UK
From 10.30 Refreshments and exhibition, poster viewing, demo sessions and education on the stands

10.40 – 12.00 EXHIBITION SESSION

Register before Monday 23 April 2018 for discounted earlybird rates
### Congress programme - Tuesday 3 July
#### Morning sessions F:

**11.20 – 12.40**

**F1**

**Workforce challenges**
Chair: Paula Home, Chair, UK Radiotherapy Service Managers, UK
NHS England’s vision for RT recognising the challenges - Speaker TBC
Role extensions a manager’s perspective - Angela Francis, Head of Radiotherapy Services, Guy’s and St Thomas’ NHS Foundation Trust, UK
Managing to train people - James Wilson, Consultant Clinical Oncologist, Guy’s and St Thomas’ NHS Foundation Trust, UK (invited)

**F2**

**Around the spine in 80 minutes**
Chair: Rajit Chowdhury, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Trust, UK
Spinal pathology in the elite athlete - Justin Lee, Consultant Musculoskeletal Radiologist, Forius Clinic, UK
Infectious diseases of the spine - Rowena Johnson, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Trust, UK
Inflammatory diseases of the spine - Fanny Mansour, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Trust, UK
Clinical and professional negligence - what the radiologist needs to know - Jonathan Jones QC, Deputy Head, No5 Chambers, UK
Overview of session: An exploration of the diversity of spinal diseases affecting a diverse demographic patient spectrum, concluding with a thought provoking presentation on the medicolegal aspects of spinal disease to spark educational discussion and debate.

**F3**

**Chest**
Mary Roddie, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK

**F4**

**Research NIHR**
Chair: Fiona Malott, Post-Doctoral Research Fellow, London South Bank University, UK
The NIHR research training programme - Beth Harris, Senior Programme Manager, NIHR Trainees Coordinating Centre, UK
NIHR doctoral and post-doctoral fellowships - Nicola Melody, Senior Programme Manager, NIHR Trainees Coordinating Centre, UK
Being a NIHR doctoral fellow - Claire Robinson, Advanced Radiographer Practitioner (Forensics), University Hospitals Leicestershire NHS Trust, UK
Top tips for successful applications - Beth Harris, Senior Programme Manager, NIHR Trainees Coordinating Centre, UK and Nicola Melody, Senior Programme Manager, NIHR Trainees Coordinating Centre, UK

**F5**

**Imaging technologies**
Chair: Heather Williams, Principal Medical Physicist, Christie NHS Foundation Trust, UK
Running a PETMR Suite - Amy Watkins, Lead PETMR Radiographer, University of Manchester, UK
PET capabilities of a PETMR scanner - Sarah Woods, PET Physicist for PETMR, University of Manchester, UK
MRI capabilities of a PETMR scanner - William Lloyd, MRI Physicist for PETMR, University of Manchester, UK
Overview of session: PETMR is growing in popularity and we have all seen the beautiful images it can generate. But how does a PETMR suite work in practice? What skills are needed, and what mix of staff? Hear all about it from the experts.

**F6**

**Obs and Gynaec**
Chair: Nasir Atif, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK
IOTA classification - Susanne Johnson, Associate Specialist in Gynaecology, Princess Anne Hospital, University Hospital Southampton, UK
Evidence based management of incidental cystic adnexal lesions on US, CT and MRI - Mike Weston, Consultant Radiologist, Leeds Teaching Hospitals Trust, UK
How MRI guides management of US-indeterminate adnexal lesions - Anju Sadee, Reader and Consultant Radiologist, Barts Health, UK
Discussion/questions

**F7**

**GI and hep**
Incidentalomas and things of mystery
Chair: James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust, UK
Incidental pancreatic lesions - Brinder Singh Mahon, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust, UK
The mesentry - Ed Godfrey, Consultant Radiologist, Cambridge University Hospital NHS Trust, UK
Gallbladder polyps - Rebecca Wiles, Consultant Radiologist, The Royal Liverpool University Hospital, UK

**F8**

**Informatics**
Chair: Neelam Duggar, Consultant Radiologist, Doncaster And Bassetlaw Teaching Hospitals NHS Foundation Trust, UK
Radiology IT for dummies - Graham King, Managing Director, Health Imaging Solutions, UK
Evolution of enterprise Imaging and developing a unified patient record - Dominic Kirkman, Director of Professional Services and Support, IBM, USA
Regional networks with the clinical and technical benefits and challenges of distributed reporting - Nick Sargent, SWASH Technical Architect, Portsmouth Hospitals NHS Trust, UK and Mark Griffiths, Clinical Radiologist, University Hospital Southampton NHS Foundation Trust, UK
Pre disease prevention and wellness - diverse needs create personalised care and precision wellness - Rachel Duncombe, Chief Information Officer, Salford Royal NHS Foundation Trust, UK
Overview of session: This session explores the evolution of imaging and healthcare provision, charting the progression beyond the lightbox and stethoscope and breaking down walls of clinics to the community and patient’s wrists.

**13.00 – 13.50**

**Society keynote lectures**

**COR** - Martine Jackson Lecture
NHS England high energy proton service - Hazel Pennington, Lead Operational Radiographer for Protons, The Christie NHS Foundation Trust, UK
IPEM - John Mallard Lecture

From 12.40
Lunch, exhibition and education on the stands
## Exhibition Lecture - Tuesday 3 July

**Hybrid imaging technologies (PET/CT)**
Chair: Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK

Recent advances in PET/CT technology will enhance patient throughput and facilitate improved lesion detection and tumour metabolism characteristics - Ian Armstrong, Principal Physicist, Nuclear Medicine, Manchester University NHS Foundation Trust, UK

Combining high sensitivity digital PET technology with innovative algorithms for motion correction & improved quantitation in all patients: Small lesion detectability, workflow, and dose considerations - Jakub Siennicki, PET-CT Clinical Leader, GE Healthcare, Europe

What difference will it make? - Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust, UK
Panel discussion

### Afternoon sessions G:

#### G1 UKRO

**Service re-design and initiatives**
- Co-design and service development - Charlotte Weston, Teenage Cancer Trust Lead Nurse, The Royal Marsden NHS Foundation Trust, UK
- Radiotherapy peer review: Can we use the clinical trial quality assurance model at local/regional levels? - Elizabeth Miles, Coordinator National Radiotherapy Trials QA (RTTQA) Group, East and North Hertfordshire NHS Trust, UK

#### G2 MSK

**The blooming garden variety of arthropathies/myopathies**
- Chairs: Imran Khan, Consultant Musculoskeletal Radiologist, University Hospitals of Leicester NHS Trust, UK and Prashant Sankaye, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust, UK

**Rheumatoid**
- Asad Rabbani Shah, Consultant Radiologist, Barking, Havering and Redbridge University Hospitals NHS Trust, UK
- Crystalline arthropathy including gout - Prashant Sankaye, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust, UK
- Myopathies - Dimitri Amiras, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust, UK
- Seronegative spondyloarthopathy - Imran Khan, Consultant Musculoskeletal Radiologist, University Hospitals of Leicester NHS Trust, UK

Panel case based discussion
- Overview of session:
  - The role of radiologists in management of patients with rheumatological conditions
  - To review the imaging manifestations of the commonly encountered thanarthropathies/myopathies in radiological practice
  - To review the potential pitfalls in imaging for patients with arthropathies/myopathies

### G3 MSK

**Tuberculosis**
Chair: Vikas Shah, Consultant Radiologist, University Hospitals of Leicester, UK

Clinical update including new patterns of resistance and new biomarkers - Pranab Haldar, Clinical Senior Lecturer, University of Leicester, UK

Thoracic manifestations - Steve Ellis, Consultant Thoracic Radiologist, Barts Health NHS Trust, UK

MSK manifestations - Rowena Johnson, Consultant Musculoskeletal Radiologist, Oxford University Hospitals NHS Trust, UK

Abdominopelvic manifestations - Yvette Griffin, Consultant Radiologist, University Hospitals of Leicester NHS Trust, UK

**Imaging of the uterus**
Chair: Neelam Bhanwani, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK

MRI evaluation of uterine malignancies (cervical, endometrial & myometrial) - Sarah Swift, Consultant Radiologist, Leeds Teaching Hospitals Trust, UK

Fertility-sparing options in gynaecological malignancy - Andrea Rockall, Consultant Radiologist, The Royal Marsden Hospital and Visiting Professor of Radiology, Imperial College London, UK

**Imaging in placental adhesive disorders** - Elisabeth Whitty, Senior Lecturer, University of Sheffield, UK

Discussion/questions

### G4 Education

**The role of education in supporting radiographers into action**
Chair: Viv Gibbs, Head of Department, Allied Health Professions, The University of the West of England, UK

Radiographers into action - Suzanne Rastrick, Chief Allied Health Professions Officer, NHS England, UK

**Educating UK sonographers for their reporting role**
- Gill Hamilton, Ultrasound Programme Director, City University of London, UK

Maximum impact publishing to inspire radiographers into action: Why, where and how - Julie Nightingale, Professor of Diagnostic Imaging Education, University of Salford, UK

Overview of session:
- Inspire healthcare professionals to learn new skills
- Motivate them to think about how they can work differently to transform the provision of healthcare in radiology and radiotherapy departments
- Provide them with the confidence to take on new roles in the workplace

### G5 Head and neck

**Top tips and red flags**
Chair: Sarah LaPorte, Consultant Radiologist, Milton Keynes University Hospital NHS Foundation Trust, UK

Blocked tubes - Nalinda Panditaratne, Consultant in Radiology, Calderdale and Huddersfield NHS Foundation Trust, UK

Otalgia - Chris Greenall, Consultant Dental Radiologist, ABMU and Cwm Taf Health Boards, UK

Nabungling the back door...perineural spread - Gillian Potter, Consultant Neuroradiologist, Salford Royal and Central Manchester NHS Foundation Trust, UK

Sinuses – When you need to wake up... - Speaker TBC

Overview of session: Share the experts tips on how to stay out of trouble in head and neck imaging.

### G6 Obs and Gynae

**Imaging**
Chair: Neelam Bhanwani, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK

MRI evaluation of uterine malignancies (cervical, endometrial & myometrial) - Sarah Swift, Consultant Radiologist, Leeds Teaching Hospitals Trust, UK

Fertility-sparing options in gynaecological malignancy - Andrea Rockall, Consultant Radiologist, The Royal Marsden Hospital and Visiting Professor of Radiology, Imperial College London, UK

**Discussion/questions**
Congress programme - Tuesday 3 July

**Afternoon sessions H:**

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<td>16.10 – 17.30</td>
<td>Radiotherapy board session</td>
<td>Speakers to be confirmed</td>
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<tr>
<td>16.10 – 17.30</td>
<td>SMRT</td>
<td>Chair: Muriel Cockburn, The Society for MR Radiographers &amp; Technologists, UK</td>
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<td>New techniques in MSK MRI - Dimitri Amiras, Consultant Radiologist, Imperial College NHS Healthcare Trust, UK</td>
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<td>MRI safety update on gadolinium deposition in the brain - Anastasia Papadaki, MR Physicist, National Hospital for Neurology and Neurosurgery, UK</td>
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<td>A practical guide to magnetic resonance spectroscopy - Donnie Cameron, Lecturer in Clinical Magnetic Resonance Physics, University of East Anglia, UK</td>
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<tr>
<td>16.10 – 17.30</td>
<td>Lung cancer update</td>
<td>Chair: Mary Roddie, Consultant Radiologist, Imperial College Healthcare NHS Trust, UK</td>
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<td>RFA - current role in lung cancer - Fergus Gleeson, Consultant Radiologist, Oxford University Hospitals NHS Trust, UK</td>
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<td>Fleischner 2017 vs BTS nodule guidelines - Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust, UK</td>
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<td>Lung cancer - medicolegal aspects - John Reid, Consultant Radiographer, Borders General Hospital, UK</td>
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<td>Pericystic lung cancers - an emerging CT phenotype - Sarah Sheard, Radiology Registrar, Imperial College Healthcare NHS Trust, UK</td>
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<td>16.10 – 17.30</td>
<td>Late breaking proffered papers</td>
<td>- Sarah Sheard, Radiology Registrar, Imperial College Healthcare NHS Trust, UK</td>
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<td>- Anastasia Papadaki, MR Physicist, National Hospital for Neurology and Neurosurgery, UK</td>
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<td>- Donnie Cameron, Lecturer in Clinical Magnetic Resonance Physics, University of East Anglia, UK</td>
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**Exhibition lecture**

Point of care imaging: Technology opportunities
Chair: Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK
The evolution of MSK CBCT - Piero Cerofolini, CBCT Regional Product Manager - Europe, Carestream Health, Belgium
The potential of magneto-cardiography: Cardiac screening and assessment of cardiac toxicity - Ben Varcoe, Chief Scientific Officer (Creavo) & Chair of Experimental Quantum Information Science, University of Leeds, UK
Is there a role for using ultrasound in primary care today? - Alistair Wood, Ultrasound Solutions Manager, GE Healthcare, UK & Ireland
Panel discussion

**Refreshments and exhibition, poster viewing, demo sessions and education on the stands**

**G7 GI and hep OsiriX**
Facilitators:
Mark Wills, Consultant Radiologist, Salisbury NHS Foundation Trust, UK
Antoni Sergot, Consultant Radiologist, Ashford and St Peter's Hospitals NHS Foundation Trust, UK

**G8 Implementing IRR2017**
Chair: Graham Hart, RPA/LPA, Your RPA, UK
IRR2017 – What the regulator expects - James Taylor, HM Principal Inspector (Radiation), Health and Safety Executive, UK
Challenges in the implementation of IRR2017 - Trevelyan Foy, Director of Medical Physics & Clinical Technology, Royal Cornwall Hospitals NHS Trust, UK
Discussion
Overview of session: The aim of the sessions is to examine the practical implementation of IRR17 from both the Regulator's and healthcare professional’s perspectives.

**G9 I robot: Ethics and applied to artificial intelligence**
Chair: Julian Kabala, President, UKRC, UK
Eliot Siegel, Professor and Vice Chair Research Information Systems, University of Maryland School of Medicine and VA Maryland Healthcare System, USA
Daniel Sokol, Barrister, 12 King’s Bench Walk, UK
Speaker to be confirmed

**H6 Practical issues in radiation protection**
Chair: Graham Hart, RPA/LPA, Your RPA, UK
Personnel dosimetry - Andy Rogers, Head of Radiation Physics, Nottingham University Hospitals NHS Trust, UK
PPE - Peter Hiles, Head of Radiation Physics, North Wales Medical Physics, Glan Clwyd Hospital, UK
Dose optimisation - Matthew Dunn, Head of Radiation Physics, Nottingham University Hospitals NHS Trust, UK
Overview of session: The session is designed to address some of the key issues in practical medical radiation protection, key to compliance with both IRR2017 and IRMER2018.

**H7 National informatics resources**
Chair: Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK
The role of the RCR informatics committee - Neelam Dugar, Consultant Radiologist, Doncaster And Bassetlaw Teaching Hospitals NHS Foundation Trust, UK
The role and remit of NHS digital - Daniel Ray, Director of Data (DSP, Insights, Statistics and Research Enablement), NHS Digital, UK
The role of NHS digital academy - Rachel Dunscombe, Director of Digital, Salford Royal NHS Foundation Trust, UK
Panel discussion: The impact of new resources and initiatives for informatics in UK
Overview of session: In this session three key leaders of UK and NHS digital and informatics committees provide feedback on what resources are available for education, guidance and leadership in this space.
**Congress programme - Wednesday 4 July**

**Morning sessions I:**

**08.20 – 09.40**

**I1 Adaptive radiotherapy**
Update of next generation radiotherapy treatment - Anthea Cree, Clinical Research Fellow in Adaptive Radiotherapy, The Christie NHS Foundation Trust, UK
Adaptive RT developments - Marcel van Herck, Chair in Radiotherapy Physics, The University of Manchester, UK

**I2 Imaging in sport**
Sports injuries in the hand and wrist - Ramy Mansour, Musculoskeletal Consultant Radiologist, Oxford University Hospitals NHS Trust, UK
PLAC injuries, clinical implications - Ernest Scholz, Consultant Orthopaedic Surgeon, Forth Valley Clinic, UK
Sporting injuries around the knee - Speaker TBC
Ankle injuries, getting back to sport - Maryam Shafaitpouri, Head of Clinics of Musculoskeletal Imaging, Universitair Ziekenhuis Brussel, Belgium

**I3 Education**
Overview of session: With Generation Z entering the healthcare workforce it is the first time that four generations are working together. This session will discuss each generation and introduce the audience to the role of coaching in supporting the development of leadership qualities in pre-registration learners. The session will also highlight innovative teaching models including preparing pre-registration learners for advanced practice roles and a graduate preceptorship programme that supports the transition into specialist areas of practice.

**I4 PET-CT**
Overview of PET-CT services - Clare Readsmoor, Consultant Radiologist, Norfolk and Norwich University Hospital, UK
Preparation, protocols and pitfalls - Bari Sanghera, Clinical Scientist, Paul Strickland Scanner Centre, University Mount Vernon Hospital, UK
Recent advances in hybrid imaging - Prakash Maneheran, Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust, UK
Role of PET-CT in Upper GI and colorectal malignancies - Rohit Kochhar, Consultant Radiologist, The Christie NHS Foundation Trust, UK

**I5 Neuro**
Neuro radiology CTA and MRA - Brynmore Jones, Consultant Neuroradiologist, The University of Manchester, UK
Neuroradiology CTA and MRA - Bynorm Jones, Consultant Neuro Radiologist, Imperial College Healthcare NHS Trust, UK
Imaging of the spinal tumours - Priya Bhatnagar, Consultant Neuroradiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK

**I6 MRI service optimisation**
New sequences and MR techniques for 2018 - Jonathan Coupland, Clinical Application Specialist MRI, Philips Healthcare, UK
Our approach to supporting specialist post qualification training within the clinical workplace - Darren Hudson, MRI Clinical Lead, InHealth Group, UK

**I7 Body imaging proffered papers**
Chair: TBC
Histological success rate of transjugular liver biopsies - Nagashan Abimani, Doctor, Queens Medical Centre, Nottingham University Hospitals, UK
Fluoroscopic imaging appearances in bariatric surgery - Christopher Marsh, Advanced Practitioner Radiographer, University Hospitals of North Midlands, UK
Migrating intra-abdominal mass on CT and MRI: Radiological appearances of large peritoneal loose bodies - Kyoungmin Kim, Foundation Doctor, The Pennine Acute Hospitals NHS Trust, UK
A pictorial review of the role of multiparametric renal MRI in investigating renal masses - Liverpool healthy lung project: Radiologist perspective - John Spillane, Radiology Registrar, North Bristol Trust, UK
Low diagnostic yield of haemoptysis referred initially for chest radiograph in the detection of lung cancer - John Holemans, Consultant Radiologist, Liverpool Heart & Chest Hospital, UK
An audit of lung cancer detection and the role of the radiology department within a large teaching hospital - Meghavi Mashar, Oxford University Hospitals NHS Foundation Trust, UK
FDG PET-CT in haematological cancers: Are we adhering to RCR and NICE guidelines? - Pia Charters, Registrar (ST1), Severn Deanery/University Hospitals Bristol, UK

Register before Monday 23 April 2018 for discounted earlybird rates
**JOINT UKRCO DEBATE**

10.10 – 11.10

**Knowledge: How much is too much?**

Chair: Paul McCoubrie, Consultant Clinical Radiologist, North Bristol NHS Trust, UK

Speakers:
- **Ethnicist:** Stacy Carter, Deputy Director Centre for Values, Ethics and the Law in Medicine (VELMi), Sidney University, Australia
- **Lawyer:** Daniel Sokol, Barrister, 12 King's Bench Walk, UK
- **Geneticist:** Katie Snape, Consultant, St George's London and Joint Healthcare Limited, UK

**Exhibition programme**

- Refreshments and exhibition, poster viewing, Congress programme - Wednesday 4 July
- 11.20 – 12.50
  - **Exhibition Session**
  
  **Interventional oncology: Recent advances and update on loco regional therapies for primary and secondary liver cancers**
  - Chair: Alex Horton, Consultant Interventional Radiologist, Royal Surrey County Hospital, UK
  - **SIRT:** Radioembolization, what is it, does it work, and most importantly how do we select patients?
  - **Pete Littler:** Consultant Interventional Radiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
  - **TACE:** Chemoembolization in the liver, experience from a tertiary centre - Dylan Lewis, Consultant Radiologist, King's College Hospital NHS Foundation Trust, UK

**Service delivery**

**Understanding asset management: The replacement rationale**

- Chair: Pam Black, (POC board), Head of Radiology, Wirral University Teaching Hospital, UK

**What do you mean by asset management?**
- Simon Hemsworth, Marketing Manager, GE Healthcare, UK and Karl Blyth, General Manager Northern Europe, GE Healthcare, UK

**Driving forward advances in imaging technology: Are we responding to service need or technological capability?**
- David Wilkins, Head of Marketing, Sales and Communications GB&I, Siemens Healthcare Limited, UK

**Equipment lifespan recommendations are really just a money spinner: A debate!**
- **Speaking for motion** - Erika Denton, Radiologist, Wirral University Teaching Hospital, UK
- **Speaking against the motion** - Peter Harrison, AXREM Chair and Managing Director, Siemens Healthcare Limited, UK

**Panel discussion**

**Morning sessions J:**

11.20 – 12.50

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**J1**

**Protons**

**Should all radiotherapy treatments be delivered by proton therapy?**
- Anthony Zietman, Radiation Oncologist, Massachusetts General Hospital, USA
- **UK update on proton therapy** - Adrian Crellin, Consultant Clinical Oncologist, The Leeds Teaching Hospitals NHS Trust, UK (invited)

**J2**

**Interventional oncology**

**Recent advances and update on loco regional therapies for primary and secondary liver cancers**
- Chair: Alex Horton, Consultant Interventional Radiologist, Royal Surrey County Hospital, UK
- **SIRT:** Radioembolization, what is it, does it work, and most importantly how do we select patients?
- **Pete Littler:** Consultant Interventional Radiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
- **TACE:** Chemoembolization in the liver, experience from a tertiary centre - Dylan Lewis, Consultant Radiologist, King’s College Hospital NHS Foundation Trust, UK

**J3**

**Personalised imaging and therapy**

**Chair:** Vikas Shah, Consultant Radiologist, University Hospitals of Leicester, UK

**Current state and future of AI in delivering personalised radiology**
- Hugh Harvey, Radiologist, Institute of Cancer Research, London, UK

**Translating genomic data to personalised risk assessment and therapy**
- Katie Snape, Joint Lead Consultant for Cancer Genetics, St George’s University Hospitals NHS Foundation Trust, UK

**Disease phenotyping using multiparametric imaging**
- Anwar Padhani, Consultant Radiologist and Professor of Cancer Imaging, East and North Hertfordshire NHS Trust, UK

**J4**

**PET-CT**

**Chair:** Kanna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust, UK

**PET in infection and inflammation**
- Fahmid Chowdhury, Consultant in Radiology and Nuclear Medicine, Leeds Teaching Hospitals NHS Trust, UK

**Paediatric PET-CT**
- Diana Rossof-Williams, Consultant, Royal Preston Hospital, UK

**PET in brain tumours**
- John Cain, Royal Preston Hospital, UK

**Incidentalomas in PET-CT**
- Manil Subasinghe, Guy’s and St Thomas’ NHS Foundation Trust, UK

**J5**

**AI and imaging**

**Chair:** Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK

**AI and imaging**
- Stavros Stivaros, Clinical Senior Lecturer, The University of Manchester, UK

**J6**

**Evolution or revolution: The radiology reporting workforce**

**Chair:** Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK

**Developing and integrated reporting team, a decade’s experience**
- Beverly Snaith, Consultant Radiographer, Mid Yorkshire Hospitals NHS Trust, UK
- Nicholas Spencer, Consultant Radiologist, Mid Yorkshire Hospitals NHS Trust, UK

**Shaping standards for the future reporting team**
- Charlotte Beardsmore, Director of Professional Policy, The Society and College of Radiographers, UK

**Followed by discussion**
Congress programme - Wednesday 4 July

**J6** Service delivery

**continued**
Overview of session: Ability to meet growing service needs, coupled with the need for a flexible workforce for the future, means that radiology services must seek solutions which both increase capacity, and recruit and retain the best workforce. This session will present delegates with one Trust’s experience and perspective of embracing skill-mix and radiographer advanced practice. Current initiatives by RCR and SOR will be shared, and a lively plenary discussion will be anticipated.

**J7** Imaging technologies

**Access to molecular radiotherapy**
Chair: Heather Williams, Principal Medical Physicist, Christie NHS Foundation Trust, UK
Current access to dosimetry and therapy - Jill Tipping, Medical Physicist, The Christie NHS Foundation Trust, UK
Emerging therapies and their availability - Prakash Manoharan, Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust, UK
Panel discussion and questions
Overview of session: MRT is a growing area, with several new therapies for new applications coming into clinical use in recent years. But how easy is it for patients to access these therapies? This session discusses current and emerging MRT and its availability.

**J8** RPS

**Implementing IRMER18**
Chair: Graham Hart, RPA/LPA, Your RPA, UK
IRMER2018 - What the regulator expects - Rachel Ward, Clinical Specialist Inspector, Care Quality Commission, UK
Challenges in the implementation of IRMER18 - Toni Hall, Radiology Services Manager, Royal Devon and Exeter NHS Foundation Trust, UK
Discussion
Overview of session: The aim of the sessions is to examine the practical implementation of IRMER18 from both the Regulator’s and healthcare professional’s perspectives.

**J9** Research

**Practical research tips: Common hurdles and how to climb over them**
Chair: Fiona Meaker, Post-Doctoral Research Fellow, London South Bank University, UK
Costing your research: The hidden costs you need to consider - Emily McDougal, Research Delivery Manager (Acting) and Lead Research Nurse, NIHR Clinical Research Network GCP, UK and Chris Rhymes, Lead Nurse, Yorkshire and Humber, NIHR Clinical Research Network, UK
Health Research Authority approval processes: Tips for successfully gaining your approval - Chris Cannaby, Head of Assessment & Assurance, Health Research Authority, UK
Clinical Research Network portfolio adoption for your study: what are the advantages and how do you get it? - Emily McDougal, Research Delivery Manager (Acting) and Lead Research Nurse, NIHR Clinical Research Network GCP, UK and Chris Rhymes, Lead Nurse, Yorkshire and Humber, NIHR Clinical Research Network, UK
Active research participation and monitoring: Why investment in a research radiographer could be a real money spinner - Beverly Smith, Consultant Radiographer, Mid Yorkshire Hospitals NHS Trust, UK

**J10** Proffered papers

**Proffered papers**

**Head and neck & neuro proffered papers**
Chair: TR
High-resolution ultrasound of the larynx: Imaging technique, normal anatomy and spectrum of disease - Ziyad Sallouj, University College London Hospitals NHS Foundation Trust, UK
Orbital ultrasound: The good, the bad and the ugly - Lydia Guthrie, SpR, Conn Taf University Health Board, UK
The evaluation and further investigation of thyroid nodules in accordance with the British Thyroid Association guidelines - Veena Vishwanath, ST3 Radiology Registrar, Central Manchester Foundation NHS Trust, UK
Ultrasound-guided core biopsy as a preferred diagnostic technique for lymphoma - experience from a specialist centre - Ziyad Sallouj, University College London Hospitals NHS Foundation Trust, UK

**Learning from error in neuroradiology**
Chair: Andrea Brammer, Risk Manager and Paediatric Radiographer, Manchester University NHS Foundation Trust
The push for joint procurement: Getting more bang for your buck! - Pam Black, (ROC board), Head of Radiology, Wirral University Teaching Hospital, UK
How to convince the hospital executive team and Director of Finance to part with their money! - Matthew Horner, Director of Finance, Bradford Teaching Hospitals NHS Foundation Trust, UK
Tips for business cases - Clive Kay, CEO, Bradford Teaching Hospitals Trust, UK
An alternative approach to funding and delivering capital equipment replacement - Jason Long, Business Development Director, Althea UK and Ireland Ltd, UK
Discussion
Overview of session: From 12.40 lunch, exhibition and education on the stands
Afternoon sessions K:

### K3 Proffered papers

**Education and development proffered papers**  
**Chair:** TBC

- Detecting and reporting domestic abuse of the elderly: Mapping the concerns of experienced radiographers - Paul Miller, University of Cumbria, UK
- A comparison of diagnostic accuracy of parallel imaging versus conventional imaging in MRI practice: A systematic review - John Paul Sahibbil, In-Health, UK
- Transition from assistant practitioner to radiographer - Emma Murdock, Radiographer, Hull & East Yorkshire Hospitals NHS Trust, UK
- The impact of a near-peer radiology teaching course on medical students’ confidence at image interpretation and presentation at a district general hospital - Ruhaid Khurrum, Medical Undergraduate, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, UK
- Ensuring accuracy in diagnostic image interpretation: A new programme of peer review for plain film reporting radiographers - Nicholas Barlow, Advanced Practitioner Radiographer, Mid Yorkshire NHS Trust
- Evaluation of shared teaching across MSk Pre-Registration and BSc (Hons) radiography students - Alexandra Partner, Deputy Head of Diagnostic Imaging, University of Derby, UK
- A clinical academy for radiographer reporting - The trainee’s perspective - Scott Raine, Senior Radiographer, North Lincolnshire and Goole Foundation Trust, UK
- Supporting newly qualified radiographers: Are we getting it right? - Jane Harvey-Lloyd, Associate Professor in Diagnostic Radiography, University of Suffolk, UK

### K4 Molecular imaging

**Molecular imaging**  
**Chair:** Kanna Martin, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust, UK

**Imaging infection with SPECT-CT** - John Buscombe, Associate Lecturer, University of Cambridge, UK

**Multimodal imaging in head and neck cancers** - Srima Vaidyanathan, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust, UK

**NM in dementia** - John Cain, Royal Preston Hospital, UK

**Parathyroid imaging/NM interesting cases** - KJ Yap, Consultant Radiologist, Northampton General Hospital NHS Trust, UK

### K5 Neuro Osirix

Neuro Osirix - Brynnor Jones, Consultant Neuroradiologist, Imperial College Healthcare NHS Trust, UK

### K6 BAMRR session - Contemporary practice in MRI

**Chair:** Janine Sparkes, Past President, BAMRR, UK and Lisa McEwan, General Secretary, BAMRR, UK

- Magnetic resonance imaging of coeliac disease - Carolyn Costigan, Principle Research Radiographer, Nottingham University Hospitals NHS Trust, UK
- MRI imaging of fetal and post mortem cases - Rachel Watt, Lead MRI Superintendent, NHS Grampian, UK
- MR artefact catchphrase - Martin Graves, Affiliated Lecturer, University of Cambridge School of Clinical Medicine, UK

### K7 Making data work for you

**Chair:** Rówan Malik, Consultant Radiologist, Royal Bolton Hospital, UK

- Dose management systems for optimisation and other benefits - Matthew Dunn, Head of Radiology Physics, Medical Physics and Clinical Engineering, Nottingham University Hospitals NHS Trust, UK
- Understanding how GDPR will impact the data protection landscape for healthcare in the UK - Mariel Irvine, Solicitor, London
- Open data - Julian Tait, Open Data Manchester, UK
- “How big data is currently helping medical practice and innovation” - Rebecca Pope, Senior Data Scientist, KPMG, UK

Overview of session: In this session we look to explore different facets of Data Usage and management from its governance to examples of how data analytics promotes better working.
Joint congress programme committees

Bobby Agraval, Cardiac, UKRC Programme Committee, UK
Angela Baker, President, UKRO, UK
Andy Beavis, UKRO Programme Committee, UK
Nishat Bharwani, Obstetrics & Gynaecology, UKRC Programme Committee, UK
Andrea Brannam, Paediatrics, UKRC Programme Committee, UK
Andrew Carne, MSK Vice President, UKRC Programme Committee, UK
Steven Cheung, Imaging Technologies and Informatics, UKRC Programme Committee, UK
John Curtis, Oasis Lead, UKRC Programme Committee, UK
Elizabeth Dick, MSK - Emergency, UKRC Programme Committee, UK
Jeanette Dickson, UKRO Programme Committee, UK
Matt Dunn, Imaging Technologies and Informatics Vice President, UKRC Programme Committee, UK
Kevin Franks, UKRO Programme Committee, UK
David Gay, MSK - Ultrasound, UKRC Programme Committee, UK
Viv Gibbs, Education and Research Vice President, UKRC Programme Committee, UK
Stuart Green, UKRO Programme Committee, UK
Gerry Hanna, UKRO Programme Committee, UK
Maryann Hardy, Past President, UKRC Programme Committee, UK
Graham Hart, Imaging Technologies and Informatics, UKRC Programme Committee, UK
Alex Horton, MSK - Intervention, UKRC Programme Committee, UK
Julian Kabala, President, UKRC, UK
John Kotre, Imaging Technologies and Informatics, UKRC Programme Committee, UK
Rizwan Malik, Imaging Technologies and Informatics, UKRC Programme Committee, UK
Helen McHale, UKRO Programme Committee, UK
Kamna Mehta, Molecular Imaging, UKRC Programme Committee, UK
Samantha Negus, Paediatrics, UKRC Programme Committee, UK
Caroline Parkin, Education and Research, UKRC Programme Committee, UK
Amit Patel, Imaging, UKRC Programme Committee, UK
Maneesh Patel, Neuroimaging, UKRC Programme Committee, UK
Laurie Ramsay, MSK - Trauma, UKRC Programme Committee, UK
Mary Roddie, MSK - Chest and Lung, UKRC Programme Committee, UK
Rhian Rhys, Head and Neck, UKRC Programme Committee, UK
Vikas Shah, Clinical Vice President, UKRC Programme Committee, UK
Nicholas Spencer, Service Innovation and Optimisation Vice President, UKRC Programme Committee, UK
Janice St John Matthews, Education and Research, UKRC Programme Committee, UK
Tamara Suaris, Breathe, UKRC Programme Committee, UK
Katherine van Rees, GI and Hepatobiliary, UKRC Programme Committee, UK
Heather Williams, Imaging Technologies and Informatics, UKRC Programme Committee, UK
Nick Wozniacz, Clinical Vice President, UKRC Programme Committee, UK

The British Institute of Radiology

The British Institute of Radiology is the international membership organisation for everyone working in imaging, radiation oncology and the underlying sciences.

We aim to:
- Support the work of our members and their colleagues to achieve professional excellence
- Provide continuing professional development for our multidisciplinary community
- Publish cutting edge research for our authors and readers across the world
- Influence and connect with the wider professional sector

The College of Radiographers

The College of Radiographers is the charitable and educational subsidiary of the Society of Radiographers, the chosen membership body for over 28,000 radiographers and other professionals in clinical imaging, radiation therapy and oncology. In addition the Society has over 2,000 student members. It provides, through monthly subscription, a full range of services, including professional indemnity insurance, professional and employment advice and support and workplace representation. The College of Radiographers exists for public benefit, with objects directed towards education, research and related activities. An important part of the College’s strategy is engaging with and listening to patients. A major initiative to support research in radiography is the College of Radiographers Industry Partnership Scheme (CoRIPS), which currently has 31 partners. The Society and College work towards raising standards across the spectrum of clinical imaging, radiotherapy, oncology practice and education, and the College provides a comprehensive approval and accreditation programme for all pre and post-registration education provision, as well the accreditation of individual practitioners. Technical and professional guidance, a comprehensive website, publications, journals (including the internationally acclaimed peer reviewed journal Radiography), seminars and conferences are examples of just some of the benefits available to our members.

The Institute of Physics and Engineering in Medicine

The Institute of Physics and Engineering in Medicine (IPEM) is a professional association with around 4,300 members who are physicists, engineers and technologists working with applications of physics and engineering applied to medicine and biology. Our members work in hospitals, academia and industry, and IPEM has a unique role in linking the three areas.

As a charity, IPEM’s aim is to advance the application of physics and engineering to medicine for the public benefit and to advance public education in this field. We do so by supporting and publishing research, and supporting the dissemination of knowledge and innovation through project funding and scientific meetings; and by setting standards for education, training and continuing professional development for healthcare scientists and clinical engineers. We also produce information for the public about the role of physicists and engineers in their healthcare services. Benefits of membership include a free CPA scheme, discounts on journals, reports and conference fees, bursaries and prizes, access to job vacancies, and a wide support network at every stage of career progression.

Email: office@ipem.ac.uk  Telephone: 01904 610821  Website: www.ipem.ac.uk
Social and networking events

Monday 2 July

Welcome reception
The welcome reception will be held within the exhibition. Free for all to attend, delegates are encouraged to take this excellent opportunity to meet with exhibitors, society representatives and colleagues.

Time: 17.15-18.15
Free for all to attend

Cavern club
Join colleagues for a drink and a dance to a private Beatles tribute band at the famous Cavern Club. This is an ideal opportunity to relax and network with colleagues and enjoy some music and entertainment.

Time: 21.00-01:00
Dress code: Smart/Casual
Tickets: Delegates £15 (Price includes VAT @ 20%)

Tuesday 3 July

AXREM dinner
Partners

The congress dinner will be held at St George’s Hall, widely regarded as one of the finest neo-classical buildings in the world and a Grade I listed building. The congress dinner is organised and hosted by AXREM and will provide a fantastic opportunity to relax and have fun with other delegates and industry partners. The theme this year is ‘Venetian Masquerade’. Tickets include a drinks reception, three course dinner with wine and, back by popular demand, the RPJ Band. Early booking is advised to avoid disappointment.

Time: 19:30-00:00
Theme: Venetian Masquerade
Dress code: Cocktail dresses and lounge suits
Tickets: Delegates £45
Exhibitors AXREM member: £200 per person
Non AXREM member: £220 per person
(All prices include VAT @ 20%)

Joint congress summer social
The joint congress is hosting an informal networking event which includes a welcome drink and an informal supper, followed by music, at Revolucion de Cuba.

Time: 19:30-01:00
Dress code: Smart
Tickets: Delegates £30 (Price includes VAT @ 20%)
The UK Radiological Congress and Radiation Oncology Congress

Register before Monday 23 April 2018 for discounted earlybird rates

Registration fees

What’s included?
Registration fees include VAT at the prevailing rate, complimentary refreshments, lunch (on the days you are attending) and congress materials. If you are attending the exhibition only, they do not include lunch and congress materials.

Group booking discount:
If you have five or more delegates attending from the same department, a 10% discount on the same category fee is applicable. Please return all forms for the delegates and discount will be removed at point of registration. Only one invoice can be raised.

Please contact us for further details.

NHS Flexi ticket:
We are pleased to continue the cost-saving NHS flexible ticket. This full congress ticket allows up to three delegates from the same NHS department to register for UKRCO and share the ticket. Only one person can attend at any one time but the other delegates can attend on different days or even for different sessions. This could save your department as much as £850, whilst also ensuring that nobody misses the sessions that are important to them.

Delegate fee categories:

A: Consultants and senior managers
B: Other medical/scientific staff and medical trainees
C: Radiographers, nurses, AHPs support staff, radiology trainees & FY1/2 doctors
D: Full time students, retired delegates and individuals on bursaries
E: NHS Flexible Ticket

Delegate prices

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<th>Cat.</th>
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<th>Standard 24 April – 30 June</th>
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Delegate fee categories:

A: Consultants and senior managers
B: Other medical/scientific staff and medical trainees
C: Radiographers, nurses, AHPs support staff, radiology trainees & FY1/2 doctors
D: Full time students, retired delegates and individuals on bursaries
E: NHS Flexible Ticket

Phone us: 020 3725 5840
Visit us: www.ukrco.org.uk
Email us: jointcongress@profileproductions.co.uk
Social media: #UKRCO2018
NEW for 2018

Dedicated theme days
The committee and industry partners have designed a theme for each day to run in the exhibition and to reflect in some sessions.

**UKRC**
- Monday 2 July 2018 – PACS managers day
- Wednesday 4 July 2018 – Asset management day

**UKRO**
- Monday 2 July 2018 – Patient day
- Tuesday 3 July 2018 – Radiotherapy service delivery day
- Wednesday 4 July 2018 – Radiotherapy innovations day

HOW
This year we have many hands on workshops (HOW) taking place including OsirIX, Tomography and practical sessions all detailed within the programme.

Health programme
Guided walks
We are pleased to offer guided walking tours on Monday 2 July! Make sure you add the tour to your booking when you register as places are limited. Enthusiastic guides will take you around the city, seeing all the key sites including the Beatles, Albert Dock and Liverpool Cathedrals.

Pedometer challenge
How many steps do you walk in a day? As part of our healthy living initiative, UKRCO is offering a prize on each day of the congress for the delegate that walks the most steps in one day. Further details will be provided leading up to the congress.

Run, jog and walk along the docks
Meet with colleagues and either run, jog or walk the 5-kilometre course along the docks.
Delegates will be required to sign a disclaimer before the activity. Further details will be provided leading up to the congress.

Yoga
UKRCO is offering delegates free yoga classes in the morning on the terrace. Further details will be provided leading up to the congress.

Getting to Liverpool
Liverpool is well served by rail, air and road networks. Trains run hourly from London Euston Station to Liverpool Lime Street, taking just over two hours. Links from all other UK cities also run into Liverpool Lime Street. Liverpool John Lennon Airport offers links to most major European and international cities and is approximately 20 minutes away from the venue by car.

Venue information
The ACC Liverpool is a uniquely flexible venue. It houses the award-winning BT Convention Centre with facilities including a 1,350 seat auditorium, 18 breakout rooms and 7000m² of exhibition space. The venue sits at the heart of the city on Kings Waterfront, alongside the Grade I listed Albert Dock and adjacent to the World Heritage site at Pier Head. ACC Liverpool is also one of the most sustainable venues in Europe.

For further information please visit www.accliverpool.com

Accommodation
Liverpool offers a wide range of accommodation to suit all budgets and requirements with two hotels onsite and over 2,000 bedrooms within 15 minutes walk. Hotel reservations are being handled through our specialist accommodation agency, Reservation Highway which has negotiated special rates for the duration of the event.

Book online:
www.reservation-highway.co.uk/roc18
Call: +44 (0)1423 525599
Email: admin@reservation-highway.co.uk