

CONGRESS OVERVIEW

Monday 10 June 2019 - PACS day

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.

Time		Exhibition theatre🔒											Small theatre🔒	Demo🔒	Ultrasound	Time
08:00-09:00	Registration															08:00-09:00
09:00	Exhibition opens															09:00
09:00-09:50	Plenary 1: Is life quantum mechanical? The birth of quantum biology - Professor Jim Al-Khalili🔒													09:00-09:50		
09:50-10:35	Refreshments, exhibition and education on the stands															09:50-10:35
10:35-11:35	A1 Radiotherapy and oncology Fear of cancer recurrence and use of digital comms	A2 MSK Sports imaging	A3 GI & Hep Liver MRI refresher	A4 Paediatrics The spectrum of paediatric radiology	A5 Breast Personalised breast pathways	A6 RPS DEXA not just osteoporosis	A7 Informatics EPR					A8 MSK Ultrasound	10:35-11:35			
11:40-12:40	B1 Radiotherapy and oncology LGBT	B2 Imaging technologies Distributed learning from big data	B3 Neurology Brain imaging	B4 Paediatrics Growth and evolution	B5 Breast Workforce needs humans	B6 Education and workforce Technology	B7 Proffered papers GI & GU	B8 MR LINAC				B9 MSK Ultrasound	11:40-12:40			
12:45-13:30	BIR Canon Mayneord lecture Advanced computer analysis in oncologic imaging - a necessity or a hype? Professor Matias Prokop, Head of Radiology and Nuclear Medicine, Radboud University Nijmegen🔒				SCoR William Strip lecture Imaging the paediatric spine: Introducing new technology - is it worth it? Katy Budhan-Mills, General Superintendent Radiographer, Great Ormond Street Hospital for Children NHS Foundation Trust🔒							12:45-13:30				
12:40-14:00	Lunch, exhibition and education on the stands												12:40-14:00			
13:00-13:45								MMutli energy CT					13:00-13:45			
14:00-15:00	C1 Radiotherapy and oncology Algorithmic developments	C2 MSK Hip	C3 GI & Hep Tract tumour staging	C4 Neurology OsiriX	C5 Paediatrics Imaging of the under-ones	C6 🔒 Service optimisation Hot topics - partnership working	C7 Proffered papers Justification and optimisation					C8 Breast Biopsy workshop	14:00-15:00			
15:00-15:40	Refreshments, exhibition and education on the stands															15:00-15:40
15:40-16:40	D1 Radiotherapy and oncology State of the art imaging	D2 Emergency and trauma Trauma imaging	D3 GI & Hep Rectal cancer MDT	D4 Neurology CNS tumours and mimics	D5 Service optimisation Leadership	D6 Paediatrics Building a paediatric radiology service	D7 Informatics PACs Un-PACKed 1					D8 MSK Ultrasound	15:40-16:40			
16:45-17:45	E1 Radiotherapy and oncology Drug combination therapy	E2 Emergency and trauma Trauma cases	INTERACTIVE			E3 🔒 Proffered papers Paediatrics and chest	E4 Education and workforce People		E5 Proffered papers History			E6 MSK Ultrasound	16:45- 17:45			
17:45-19:00	Welcome wine reception in the exhibition, UKIO chorus, demo zones, fringe meetings															17:45-19:00
19:45-late	President's dinner and Curry and quiz night															19:45-late



Sound	Time
	08:00
	08:15-09:15

Time	Exhibition theatre🔒											Small theatre🔒	Demo🔒	Ultrasound	Time
08:00	Registration, exhibition and first-timers breakfast														08:00
08:15-09:15	F1 Radiotherapy and oncology Breast radiotherapy	F2 MSK Spinal imaging	F3 Head and neck Applied anatomy	F4 Molecular imaging OsiriX	F5 Cardiac Radiographer masterclass	F6 Proffered papers Radiotherapy - treatment, planning and verification								08:15-09:15	
09:20-10:20	Plenary 2: UKIO Question Time: Peer review in the NHS - all stick and no carrot?🔒													09:20-10:20	
10:20-11:10	Refreshments, exhibition and education on the stands											MSK Ultrasound	10:20-11:10		
11:10-12:40	G1 Breast MDT	G2 MSK Spinal imaging MDT	G3 Head and neck Cancers	G4 Obs and gynae Osirix	G5 Cardiac Cardiac imaging masterclass	G6 🔒 Service Optimisation GIRFT	G7 Molecular imaging PET-CT	G8 Radiology managers				G9 MSK Ultrasound	11:10-12:40		
12:45-13:30	IPEM John Mallard lecture🔒 Fast Field Cycling - a new frontier in MR imaging Professor David Lurie, Chair in Biomed Physics and Bio Engineering, University of Aberdeen				SCoR Martine Jackson lecture🔒 Patient centred workforce and service developments Hazel Rodger, Head of Radiotherapy, Leeds Teaching Hospital NHS Trust								12:45-13:30		
12:40-14:00	Lunch, exhibition and education on the stands												12:40-14:00		
13:00-13:45												Breast biopsy workshop	13:00-13:45		
14:00-15:00	H1 Radiotherapy and oncology Living with and beyond cancer	H2 Imaging technologies CT for hybrid imaging	H3 BAMRR	H4 Obs and gynae Gynaecology	H5 Cardiac CT pathway	H6 🔒 Education & workforce Workforce	H7 🔒 Proffered papers Head and neck	H8 RPS IRR17					14:00-15:00		
15:00-15:40	Refreshments, exhibition and education on the stands												15:00-15:40		
15:40-16:40	I1 Radiotherapy and oncology Consultant radiographers - flexible skill mix 1	I2 MSK Myth busting - things we do for no reason	I3 Head and neck OsiriX (until 17:15)	I4 Obs and gynae Obstetrics	I5 Cardiac Imaging in special circumstances	I6 Research Service delivery and research in clinical practice	I7 🔒 Proffered papers Humanise and personalise	I8 Radiotherapy board managers				I9 MSK Ultrasound	15:40-16:40		
16:45- 17:45	J1 Radiotherapy and oncology Consultant radiographers - flexible skill mix 2	J2 Intervention Oncological		J3 Molecular imaging Paediatrics and MSK	J4 Informatics NHS strategy	J5 SMRT	J6 Proffered papers Late-breaking papers	J7 Informatics PACs UnPACKed 2				J8 MSK Ultrasound	16:45- 17:45		
17:45-18:45	Fringe meetings and demo zone														17:45-18:45
19:45-late	AXREM dinner														19:45-late

Wednesday 12 June 2019 - Dose day

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.

Time	Exhibition theatre Small theatre Demo Ultrasound										Time
08:30	Registration, exhibition and refreshments										08:30
08:45-09:45	K1 Radiotherapy and oncology Adaptive therapies 1	K2 MSK Inflammatory arthritis	K3 Urology Imaging of prostate cancer	K4 Informatics Personalised medicine	K5 Chest and lung Interstitial lung disease	K6 Service optimisation Patient safety					08:45-09:45
09:50-10:50	L1 Radiotherapy and oncology Adaptive therapies 2	L2 MSK Orthopaedic plain film	L3 Urology Urological emergencies INTERACTIVE	L4 Chest and lung Imaging lung cancer	L5 Research Research collaboration	L6 Preferred papers Best practice		L7 Patient dose surveys	L8 Imaging technologies FDG PET assessment		09:50-10:50
10:50-11:45	Refreshments, exhibition and education on the stands										10:50-11:45
11:45-12:30	Plenary 3: Space and humanity Dallas Campbell, Author, Broadcaster and Presenter Prize announcements										11:45-12:30
12:35-13:20	SCoR Stanley Melville lecture Suzanne Rastrick, Chief Allied Health Professions Officer (England), NHS England										12:35-13:20
12:30-13:45	Lunch, exhibition and education on the stands										12:30-13:45
13:45-14:45	M1 Radiotherapy and oncology New developments	M2 Emergency and trauma Emergency imaging	M3 Urology OsiriX INTERACTIVE	M4 MPE optimisation masterclass	M5 Chest and lung Pulmonary vascular disease	M6 Research Incidental findings	M7 Informatics AI				13:45-14:45
14:50-15:50	N1 MSK Trivial to tricky - test your joints	N2 Urology Novel techniques	N3 Chest and lung OsiriX	N4 RPS IRMER17	N5 Preferred papers Education						14:50-15:50

CONGRESS PROGRAMME



Monday 10 June

Morning plenary

09:00-09:50

Plenary 1



Is life quantum mechanical? The birth of quantum biology

Professor Jim Al-Khalili, Professor of Theoretical Physics, University of Surrey and Scientist, Author and Broadcaster

09:50-10:35

Refreshments, exhibition, and education on the stands

Morning sessions A

10:35-11:35

A1

Radiotherapy and oncology

Fear of cancer recurrence and the use of digital communications in a clinical environment

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre

Forecast 2: Fear of cancer recurrence and the development of a communication skills training package for therapeutic radiographers - Josie Cameron, Breast Advanced Practitioner, Edinburgh Cancer Centre, Western General Hospital

The use of OWise, a patient support app in a clinical environments - Dr Anne Bruinvels, Founder, Px HealthCare

A2

MSK

Sports imaging

Chair: Dr Rajat Chowdhury, MSK Radiologist, Nuffield Orthopaedic Centre, Oxford University Hospitals NHS Foundation Trust

'Factfulness' of MSK radiology for sports and exercise medicine physicians - Dr Stefan Kluzek, Sports Physician, English Institute of Sport and National Sports Centre

What is stressful about stress fractures?

Dr Rowena Johnson, MSK Radiologist, Nuffield Orthopaedic Centre, Oxford University Hospitals NHS Foundation Trust

Sports injuries of the pars interarticularis

Dr Richard Fawcett, MSK Radiologist, Leeds Teaching Hospitals NHS Trust

Tendon and muscle injury - the premier league and beyond - Dr Gajan Rajeswaran, MSK Radiologist, Fortius Clinic London

A3

GI and hep

Liver MRI refresher

Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust

Malignant lesions and LiRADs - Dr Joe Mullineux, Consultant Radiologist, University Hospitals of Leicester, NHS Trust

Primovist and its pitfalls - Dr Jaymin Patel, Consultant Radiologist, St George's University Hospital NHS Foundation Trust

A4

Paediatrics

The spectrum of paediatric radiology

CT based finite element models to ascertain MOI in suspected abuse - Dr Amaka Offiah, Consultant Paediatric Radiologist, Sheffield Children's NHS Foundation Trust

100,000 genome project and paediatric cancer - Dr Helen Hanson, Consultant Geneticist, St George's University Hospital NHS Foundation Trust

Supporting children with syndromes - Professor Kevin Webb, Consultant Respiratory Physician, University of Manchester

A5

Breast

Personalised breast pathways

Chair: Dr Tamara Suaris, Consultant Radiologist, Barts Health NHS Trust

Risk assessment in breast screening - Dr Tony Howell, Chair in Breast Oncology, University of Manchester

Breast MRI - Dr Elizabeth O'Flynn, Consultant Radiologist, The Royal Marsden NHS Foundation Trust

B3 lesion guidance - Dr Nisha Sharma, Director of Breast Screening & Clinical Lead for Breast Imaging, Leeds Teaching Hospitals NHS Trust

A6

RPS

RPS DEXA - not just osteoporosis

Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

The radiation protection of staff & patients for DEXA - Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA

The use of DEXA for non-medical imaging - Dr Colin Martin, Honorary Senior Lecturer, University of Glasgow Discussion

A7

Informatics

EPR

Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust

What to look for in an EPR - Madeleine Szekely, Operational Business Manager Radiology, Royal Bolton NHS Foundation Trust

What to prepare before you install your EPR - Dr Rhidian Bramley, Radiology Clinical Director, The Christie NHS Foundation Trust

So you've got an EPR - how to get the best out of it - Professor Rachel Dunscombe, Advisory Board Member, KLAS

A8

Ultrasound

MSK

Monday 10 June

Morning sessions B

11:40-12:40

B1
Radiotherapy and oncology

What do we need to understand - what are the additional considerations we need to have when providing radiotherapy for LGBT+ individuals?
Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre

Evaluating the perceptions of the transgender and non-binary communities on pelvic radiotherapy information booklets - Hannah Burton, Senior Therapy Radiographer, University of Liverpool

Understanding the needs of gay and bisexual men and trans women with prostate cancer - Sean Ralph, Therapy Radiographer, On Treatment Review Advanced Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust and Co-founder, Out with Prostate Cancer

The distinctiveness of LGB people affected by cancer - a participatory research study in Scotland - Gareth Hill, Head of Therapeutic Radiography NHS Tayside and PhD Candidate, Queen Margaret University

B2
Imaging technologies

Machine learning, big data research and clinical application in radiotherapy
Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust

Learning from each patient treated - Dr Alan McWilliam, Honorary Lecturer (Teaching & Research), University of Manchester

Clinical application of big data research - Dr Gareth Price, Physicist, The Christie NHS Foundation Trust

Applying AI to big data from medical imaging and radiotherapy - Dr Andrew Green, Research Fellow, University of Manchester

B3
Neurology

Brain imaging
Chair: Dr Anant Krishnan, Consultant Neuroradiologist, Barts Health NHS Trust

Approach to white matter disorders in adults - Dr Tilak Das, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust

Approach to dementia imaging - Dr Naomi Sibbain, King's College Hospital NHS Foundation Trust

B4
Paediatrics

Growth and evolution
Chair: Dr Rui Santos, Consultant Paediatric Radiologist, Evelina London Children's Hospital

Imaging of children (2-12 years old) in paediatric ultrasound - Morag Green, Lead Paediatric Sonographer, Glasgow Children's Hospital

Kidadults: Not adult and not children - supporting a specific group - Dr Rob Hawkes, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital

Proton beam at Manchester - Hazel Pennington, Lead Operational Radiographer, The Christie NHS Foundation Trust

B5
Breast

Workforce needs humans
Chair: Dr Tamara Suaris, Consultant Radiologist, Barts Health NHS Trust

Mammographer apprenticeships and evolving strategies - Claire Borelli, Radiographic Advisor to the NHSBSP/Public Health England

Developing a consultant mammographer - Zebby Rees, Consultant Breast Radiographer, Cardiff & Vale University Health Board

Breast Clinician Credential pilot - Dr Caroline Parkin, Consultant, University Hospital of South Manchester NHS Foundation Trust

Breast radiology fellowships - Dr Soujanya Gadde, Consultant Breast Radiologist, University Hospital of South Manchester NHS Foundation Trust

B6
Education and workforce

Technology
Using streaming and recording software to support learning (Lexio) - Dr Peter de Souza, Radiology Registrar, NHS England Clinical Entrepreneur, Founder of AnatomyZone & Lexio.io

An overview of technology enhanced learning at HEE- digital learning resources and simulation-based education - Charlotte Teager, National Programme Manager for the Technology Enhanced Learning Programme, Health Education England (HEE)

Image interpretation e-learning for healthcare - what's new and what's coming next? - Lyndsey Callion, Project Manager/Lead Instructional Designer, HEE e-Learning for Healthcare

B7
Proffered papers

GI & GU
Renal oncocytoma: Can we diagnose them on pre-op CT? - Dr John Spillane, Radiology Registrar, North Bristol Trust

It is time to think inside the (collimation) box; A quality improvement project to reduce over-scanning in CT KUB - Dr Matthew Spurr, Radiology ST2, Southmead Hospital

MR Enterography: A comparison between Moviprep and Mannitol and Locust bean gum - Yee Mei Koay, Manchester University NHS Foundation Trust

The efficacy of CT MRI and FDG-PET/CT for target volume delineation in radiotherapy treatment planning of colorectal cancer: A systematic review - Elizabeth Olanloye, Therapeutic Radiographer, University of Hertfordshire / University College Hospital Nigeria

An evaluation of a newly introduced 68 Gallium PSMA PET-CT service - Vicki Major, Lead Research Radiographer, Mount Vernon Cancer Centre

Post and pre-biopsy MPMRI for prostate cancer - audit and re-audit of a pathway - Dr Lara Jehanli, Foundation Year 1 Doctor, Southport and Ormskirk Hospital NHS Trust

B8
Exhibition hall theatre

MR LINAC
Session details Tbc

B9
Ultrasound

MSK

From 12:40-14:00

Lunch, exhibition, demo zone and education on the stands

Register before Monday 8 April 2019
for discounted earlybird rates

Monday 10 June

12:45-13:30

Society keynote lectures

Society keynote
lectures



BIR Canon Mayneord lecture

Advanced computer analysis in oncologic imaging
- a necessity or a hype?

Professor Matias Prokop, Head of Radiology and
Nuclear Medicine, Radboud University Nijmegen

SCoR William Strip lecture

Imaging the paediatric spine: Introducing new
technology - is it worth it?

Katy Budhan-Mills, General Superintendent
Radiographer, Great Ormond Street Hospital for
Children NHS Foundation Trust

Exhibition
hall theatre
13:00-13:45



Multi energy CT

Session details Tbc

C4 Neurology
OsiriX
13:30-15:00

Tricky neurology cases in the DGH setting / common neuroimaging discrepancies

Dr Ian Craven, Consultant Neuroradiologist, Leeds
Teaching Hospitals NHS trust

Afternoon sessions C

14:00-15:00

C1

Radiotherapy
and oncology

Algorithmic developments

Chair: John Burton, Principal Radiographer,
Pre-Treatment, Radiotherapy and Bill Nailon, Lead
Clinical Scientist, Edinburgh Cancer Centre

The impact of anatomical changes on delivered
dose - techniques/algorithms used to do this -
Dr David Noble, Clinical Research Fellow, University
of Cambridge

C2

MSK

Hip arthroplasty imaging

Chair: Dr Subhasis Basu, Consultant Musculoskeletal
Radiologist, Wrightington, Wigan & Leigh NHS
Foundation Trust

Radiographic imaging evaluation following
hip arthroplasty - Dr Zeid Al-Ani, Consultant
Musculoskeletal Radiologist, Wrightington, Wigan &
Leigh NHS Foundation Trust

CT/MRI imaging in hip arthroplasty - Dr Rajat
Chowdhury, Consultant Musculoskeletal Radiologist,
Oxford University Hospitals NHS Foundation Trust

Anterior and lateral hip pain following
arthroplasty - Dr Rowena Johnson, Consultant
Musculoskeletal Radiologist, Oxford University
Hospitals NHS Foundation Trust

The hip and pelvis MDT - the surgeon's
perspective - Professor Tim Board, Consultant
Orthopaedic Hip and Knee Surgeon; Mr Henry
Wynn-Jones, Consultant Orthopaedic Hip and
Knee Surgeon; Dr Marc Williams, Consultant
Musculoskeletal Radiologist; Dr Shakir Syed,
Consultant Musculoskeletal Radiologist,
Wrightington, Wigan & Leigh NHS Foundation Trust
Q&A

C3

GI and hep

GI tract tumour staging and TNM8

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

Oesophageal cancer - Dr Kieran Foley, Consultant
Radiologist, Cardiff University

Pancreatic cancer - Dr Raneem Albazaz, Consultant
Radiologist, Leeds Teaching Hospitals NHS Trust

Colon cancer - Dr James Stephenson, Consultant
Radiologist, University Hospitals of Leicester NHS Trust

C4

Neurology
OsiriX

Tricky neurology cases in the DGH setting / common neuroimaging discrepancies started at 13:30

Dr Ian Craven, Consultant Neuroradiologist, Leeds
teaching hospitals NHS trust

C5

Paediatrics

Imaging of the under-ones

Chair: Dr Mark Griffith, Consultant Paediatric
Radiologist, University Hospital Southampton NHS
Foundation Trust

Trauma - updates including suspected physical
abuse - Dr Rui Santos, Consultant Paediatric
Radiologist, Evelina Children's Hospital

Paediatric reporting radiographers - Myriam Jackson,
Advanced Practitioner Reporting Radiographers, United
Lincolnshire Hospitals NHS Trust

Uroradiology - a radiographer-led service -
Jenny McKinstry, Superintendent Radiographer,
Royal Belfast Hospital for Sick Children

C6

Service
optimisation



Hot topics in service improvement - partnership working

Chair: Dr Tim Taylor, GIRFT Clinical Adviser

The long-term plan for the NHS - what do the
next 10 years hold for imaging? - Fiona Thow,
Head of Imaging Services Transformation, NHS
Improvement

Improving turnaround times for image reporting
- progress towards national standards - Professor
Erika Denton, National Clinical Advisor for Imaging,
NHS England

Working collaboratively across a network - a
case study for mechanical thrombectomy and,
more - Gill Holroyd, Radiology Manager, St Helens &
Knowsley Teaching Hospitals NHS Trust

Panel discussion

Monday 10 June

C7 Proffered papers	<p>Physics - dose justification and optimisation Diagnostic imaging IRMER improvement notice to CQC outstanding - Emma Spouse, Imaging Lead, Royal Cornwall Hospitals NHS Trust</p> <p>A retrospective review of justification of computed tomography examinations in Northern Ireland - Yvonne Sullivan, Senior Clinical Diagnostic Officer, Public Health England</p> <p>Dose optimisation in facial bone OM projection with variation in AEC chamber selection and centring point: A phantom study utilising - Dr Anthony Manning-Stanley, Lecturer, University of Liverpool</p> <p>Slice reduction in CT for renal colic - Dr Jonathan Adlam, Barts Health NHS Trust</p> <p>Dual energy CT for assessing myeloma in MRI-incompatible patients: Preliminary phantom study and clinical implementation - Ana Pascoal, Principal Physicist, Guy's and St Thomas' NHS Foundation Trust</p> <p>Ionising radiation in research - the lead clinical radiation expert - Andrea Williamson Shemilt, Clinical Scientist, Nottingham University Hospitals NHS Trust</p>
C8 Ultrasound	Breast biopsy workshop
15:00-15:40	Refreshments, exhibition, and education on the stands

Afternoon sessions D

15:40-16:40

D1 Radiotherapy and oncology	<p>State of the art techniques Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy and Bill Nailon, Lead Clinical Scientist, Edinburgh Cancer Centre</p> <p>The use of MR imaging in radiotherapy, particularly around the MERINO trial - Dr Claire Paterson, Consultant Clinical Oncologist, Beatson West of Scotland Cancer Centre</p>
D2 Emergency and trauma	<p>Trauma imaging Chairs: Dr Johnny Vlahos, Consultant Radiologist and Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust</p> <p>Imaging of tracheobronchial injuries - Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust</p> <p>Current imaging concepts in bowel and mesentery trauma - Dr Jaymin Patel, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust</p> <p>Trauma interpretation - what the interventional radiologist wants to know - Dr Joo-Young Chun, Consultant Interventional Radiologist, St George's University Hospitals NHS Foundation Trust</p>
D3 GI and hep	<p>Rectal cancer MDT - clinical conundrums (double session until 17:45) Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust and Dr Rebecca Muirhead, University of Oxford</p> <p>Panel: Dr Rachel Hyland, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust Dr Rebecca Muirhead, University of Oxford Ms Kirsten Boyle, Colorectal Surgeon, University Hospitals of Leicester NHS Trust Alexandra Poole, Nurse Specialist, Oxford University Hospitals NHS Foundation Trust</p>

D4 Neurology	<p>CNS tumours and mimics – an interactive session (double session until 17:45) INTERACTIVE Chair: Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy's and St Thomas' NHS Foundation Trust</p> <p>Adult brain tumours and mimics - Dr Anant Krishnan, Consultant Neuroradiologist, Barts Health NHS Trust</p> <p>Paediatric brain tumours and mimics - Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust</p> <p>Spinal cord lesions and mimics - Dr Tilak Das, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust</p>
D5 Service optimisation	<p>Leadership opportunities for imaging Chair: Professor Erika Denton, National Clinical Advisor for Imaging, NHS England</p> <p>System leadership – values and behaviours for collaboration - Speaker Tbc</p> <p>Providing clinical leadership to imaging networks – an executive's view - Cindy Fedell, Chief Digital and Information Officer, Bradford Teaching Hospitals NHS Foundation Trust</p> <p>AHPs and their contribution to clinical leadership – a collaborative approach - Dr Jo Fillingham, Clinical Director Allied Health Professions, NHS Improvement</p> <p>Panel discussion</p>
D6 Paediatrics	<p>Building a paediatric radiology service Chair: Dr Rob Hawke, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital</p> <p>Space for children - Mary Pirie, Superintendent Radiographer, NHS Greater Glasgow and Clyde</p> <p>Updates on networks - Dr Mark Griffith, Consultant Paediatric Radiologist, University Hospital Southampton NHS Foundation Trust</p> <p>Lessons I have learned – new guidelines and CQC - Andrea Brammer, Clinical Effectiveness Lead Division of Imaging, Manchester University NHS Foundation Trust</p>

Register before Monday 8 April 2019
for discounted earlybird rates

Monday 10 June

D7

Informatics

PACS UnPACKed 1

Other ologies and integrated visualisation - Jason Barron, Sales Manager, Carestream

How to get the best out of your PACS solution - Professor Rachel Dunscombe, Advisory Board Member, KLAS

AI/Machine learning and all that advanced jazz - Speaker Tbc, Fujii

D8

Ultrasound

MSK

D3 cont.

GI and hep

Rectal cancer MDT - clinical conundrums (continued)

Chair: Dr James Stephenson, Consultant Radiologist, University Hospitals of Leicester NHS Trust and Dr Rebecca Muirhead, University of Oxford

Panel:

Dr Rachel Hyland, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust

Dr Rebecca Muirhead, University of Oxford

Ms Kirsten Boyle, Colorectal Surgeon, University Hospitals of Leicester NHS Trust

Alexandra Poole, Nurse Specialist, Oxford University Hospitals NHS Foundation Trust

D4 cont.

Neurology

CNS tumours and mimics – an interactive session (continued)

INTERACTIVE

Chair: Dr Lalani Carlton-Jones, Consultant Neuroradiologist, Guy's and St Thomas' NHS Foundation Trust

Adult brain tumours and mimics - Dr Anant Krishnan, Consultant Neuroradiologist, Barts Health NHS Trust

Paediatric brain tumours and mimics - Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust

Spinal cord lesions and mimics - Dr Tilak Das, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust

E3

Proffered papers



Paediatrics and chest

Audit on paediatric appendicectomies - the role of ultrasound and paediatric appendicitis score (PAS) in the diagnosis of appendicitis - Dr Ruhaid Khurram, Doctor, Barnet Hospital Royal Free London NHS Foundation Trust

Generalised systemic lymphangiomatosis - an imaging case study - Dr Ghassan Almeer, Radiology Registrar, York Teaching Hospital NHS Foundation Trust

Wilms tumour: An overview and a multi-modality diagnosis pictorial review - Antoinette Silcott, Glasgow Caledonian University

Does the compressed lung in cases of antenatal diaphragmatic hernia behave different to that in cystic pulmonary malformations? - Alice Saunders, Medical Student, Sheffield Teaching Hospitals NHS Foundation Trust

Optimisation of SABR lung CBCT verification - Louise Turtle, Research and Development Expert Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust

Lungs of stone – a review of pulmonary calcification and other causes of high attenuation lesions in the lungs - Lucia Chen, Portsmouth Hospitals NHS Trust

E4

Education and workforce

People

Talking to colleagues - what we have learnt from teaching communication with radiology registrars - Dr Amy Eccles, Consultant in Nuclear Medicine, Guy's and St Thomas' NHS Foundation Trust

Leadership and management skills – what new consultants wish they knew - Dr Anita Wale, NIHR BRC Research Fellow in Clinical Radiology, The Royal Marsden NHS Foundation Trust

Managing difference within a team - Dr Giles Maskell, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust

Afternoon sessions E

16:45-17:45

E1

Radiotherapy and oncology

Drug combination therapy

Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy and Bill Nailon, Lead Clinical Scientist, Edinburgh Cancer Centre

An overview of new radiotherapy drug combinations and a look to the future of this area - Professor Anthony Chalmers, Professor of Clinical Oncology, University of Glasgow

E2

Emergency & trauma

Interesting cases from St George's Hospital major trauma centre

Chairs: Dr Johnny Vlahos, Consultant Radiologist and Dr Joanna Moser, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust

Panel: Dr Joanna Moser, Consultant Radiologist; Dr Jaymin Patel, Consultant Radiologist; Dr Joo-Young Chun, Consultant Interventional Radiologist, St George's University Hospitals NHS Foundation Trust

Monday 10 June

E5 Proffered papers 🔒	History Chair: Tbc The Marie Curie Hospital Hampstead 1929-1967 - Professor Francis Duck, Visiting Professor, University of Bath Some common eponymous signs in gastrointestinal radiology - who were the eponymists? - Dr Arpan K Banerjee, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust Tuberculosis and radiotherapy: A historical perspective - Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University Godfrey Hounsfield - the centenary of his birth - Elizabeth Beckmann, Chair, BSHR and Director, Lanmark
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E6 Ultrasound	MSK
17:45-19:00	Welcome wine reception, UKIO chorus, demo zones, fringe meetings
19:45-late	President's dinner Curry & quiz night

Tuesday 11 June

Morning sessions F

08:15-09:15

F1 Radiotherapy and oncology	Breast radiotherapy Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre Breast and axillary radiotherapy updates - Dr Virginia Wolstenholme, Consultant Clinical Oncologist, Barts Health NHS Trust Radiotherapy verification imaging for breast and nodal breast disease - what is the simple solution? - John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre and Louise Turtle, Research and Development Expert Practitioner, The Clatterbridge Cancer Centre NHS Foundation Trust
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F2 MSK	Spinal imaging Session details Tbc
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F3 Head and neck	Head and neck applied anatomy Neck spaces - applied anatomy for the radiologist - Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust Petrous temporal bone - applied anatomy for the radiologist - Dr Cristina DuDau, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust
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F4 Molecular imaging	PET OsiriX Session details Tbc
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F5 Cardiac	Radiographer masterclass in cardiac imaging Radiographer-led CMR stress imaging - Alison Fletcher, Superintendent CMR radiographer, University of Oxford Radiographer led BB/GTN service - Leigh Clements, Principal Radiographer for CT, Royal Papworth Hospital NHS Foundation Trust and Rebecca Taylor The role of the radiographer when imaging PPM patients - Tracy Horn, Principal MRI Radiographer, Royal Papworth Hospital NHS Foundation Trust
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F6 Proffered papers	Radiotherapy - treatment, planning and verification UK Stereotactic Ablative Body Radiotherapy (SABR) consortium survey 2018: Developments in UK provision and practice over the past six years - Gail Distefano, Principal Clinical Scientist, Royal Surrey County Hospital Treatment planning study of single vs multi isocentre stereotactic radiosurgery for treatment of brain metastases - Yogesh Jagannath Hatage, Clinical Scientist, Royal Preston Hospital HDR brachytherapy skin applicator fabrication for clinical cases: Hand-formed vs digitally designed and 3D printed - Shauna Nic A Bhaird, Senior Clinical Scientist (Radiotherapy Physics), Clatterbridge Cancer Centre Complexity metrics to predict DQA performance for challenging RayStation VMAT plans - Alex Taylor, Trainee Radiotherapy Physicist, Nottingham Radiotherapy Centre Implementation of PerFRACTION™ to reduce phantom based patient specific quality assurance (PSQA) - Yun Miao, Radiotherapy Physicist, Barking, Havering and Redbridge University Hospitals NHS Trust Can CBCT reduce concomitant dose for adjuvant breast radiotherapy? - Frances Lavender, Clinical Scientist, St Bartholomew's Hospital
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Register before Monday 8 April 2019
for discounted earlybird rates

Tuesday 11 June

Morning plenary

09:20-10:20

Plenary 2



UKIO Question Time: Peer review in the NHS – all stick and no carrot?

Chair:

- Professor Fergus Gleeson, Professor of Radiology, University of Oxford and Consultant Radiologist, Oxford University Hospitals NHS Foundation Trust

Panel:

- Dr Nicola Strickland, President, Royal College of Radiologists
- Marlene Stodgell-O'Grady, Director Quality, Safety and Education - Diagnostic Imaging Services, Alberta Healthcare
- Dr Carlos Schorlemmer, Head of Clinical Governance and Strategy, TMC
- James Lawford-Davies, Partner, Hill Dickenson LLP
- Dr Peter Strouhal, Clinical Director for Reporting, Alliance Medical Ltd

10:20-11:10

Refreshments, exhibition and education on the stands

Ultrasound
10:20-11:10

MSK

Morning sessions G

11:10-12:40

G1

Breast

Breast MDT

Dr Tamara Suaris, Consultant Radiologist, Barts Health NHS Trust
Dr Virginia Wolstenholme, Clinical Oncologist, Barts Health NHS Trust
Dr Caroline Parkin, Consultant, University Hospital of South Manchester NHS Foundation Trust
Ms Laura Johnson, Consultant Oncoplastic Breast Surgeon, Barts Health NHS Trust

G2

MSK

Spinal imaging - MDT

Session details Tbc

G3

Head and neck

Head and neck cancers

TNM8 – what's new for the reporting radiologist – Dr Philip Touska, Consultant Diagnostic Radiologist (Head and Neck), Guy's and St Thomas' NHS Foundation Trust

Role of PET CT in head and neck oncology

Dr Teresa Szyszko, Consultant Radiologist and Nuclear Medicine Physician, King's College Hospital NHS Foundation Trust

G4

Obs and gynae
OsiriX

Obs and gynae Osirix

Dr Siham Sudderuddin, Consultant Radiologist, Imperial College Healthcare NHS Trust

G5

Cardiac

Cardiac imaging masterclass

Gemma Marshall, Superintendent Radiographer, Royal Brompton & Harefield NHS Foundation Trust; Dr Bobby Agrawal, Consultant Cardiac and Thoracic Radiologist, Royal Papworth Hospital NHS Foundation Trust; Physicist Speaker Tbc; Cardiologist Speaker Tbc

G6

Service
optimisation



Getting it Right First Time (GIRFT) - reducing variation in imaging services

Chair: Dr Katharine Halliday, GIRFT Clinical Lead
Managing radiology reporting capacity - Dr Giles Maskell, GIRFT Clinical Adviser
Regional radiology reporting networks – is it all about the technology? - Dan West, Director, NHS Digital
Getting best value from your outsourcing - Dr Robin Evans, MD, Everlight Radiology

G7

Molecular
imaging

PET-CT

PET CT in neuroendocrine tumour imaging - Dr Prakash Manoharan, Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust

PET-CT in colorectal malignancies - Dr Rohit Kochhar, Consultant Radiologist, The Christie NHS Foundation Trust

PET-CT in head and neck cancer - Dr Sriram Vaidyanathan, Consultant Radiologist (Head & Neck Imaging, Nuclear Medicine, PET/CT), Leeds Teaching Hospitals NHS Trust

G8

Exhibition
hall theatre



Radiology managers - radiology service management

Experienced service managers sharing knowledge on topics including, the Model Hospital, ISAS accreditation, demand and capacity, and surviving CQC inspection.

G9

Ultrasound

MSK

From 12:40

Lunch, exhibition, demo zone and education on the stands

12:45-13:30

Society keynote lectures

Society keynote
lectures



IPEM John Mallard lecture

Fast Field Cycling - a new frontier in MR imaging
Professor David Lurie, Chair in Biomed Physics and Bio Engineering, University of Aberdeen

SCoR Martine Jackson lecture

Patient centred workforce and service developments
Hazel Rodger, Head of Radiotherapy, Leeds Cancer Centre

Ultrasound
13:00-13:45

Breast biopsy workshop

Tuesday 11 June

Afternoon sessions H

14:00-15:00

H1 Radiotherapy and oncology	<p>Living with and beyond cancer Chair: John Burton, Principal Radiographer, Pre-Treatment, Radiotherapy, Edinburgh Cancer Centre</p> <p>How can we improve the quality of care for people with advanced cancer? - Representative from Advanced Cancers Coalition and Diane Cannon, Corporate Partnership Director, Melanoma UK</p> <p>Why is it important to double the survivability of the less survivable cancers? - Michele McMahon, Less Survivable Cancers Taskforce and Mike Grundy, Roy Castle Lung Cancer Foundation</p> <p>The top ten research priorities - as identified by patients and carers - Richard Stephens, Consumer Lead, Chair Consumer Forum; National Cancer Research Institute</p>
H2 Imaging technologies	<p>Getting the best out of CT for hybrid imaging Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust</p> <p>Hybrid CT doses in the UK - Dr Maria Burniston, Head of Nuclear Medicine Physics, Barts Health NHS Trust</p> <p>Optimising hybrid CT in practice - Philippa Campbell, The Royal Marsden NHS Foundation Trust</p> <p>Discussion of clinical examples</p>
H3	<p>British Association of MR Radiographers (BAMRR) MRI in contemporary practice Chair: Rachel Watt, President and Aileen Wilson, President Elect, BAMRR</p> <p>MR sequences to try when you die - Bill Bailey, Radiology Management Solutions Ltd</p> <p>We bought an MR Linac, so now what? - Dr Cynthia Eccles, The Christie NHS Foundation Trust</p> <p>MR Linac - what's under the bonnet - Michael Hutton, The Christie NHS Foundation Trust</p>

H4 Obs and gynae	<p>Gynaecology Role of functional imaging in gynae malignancy - Dr Helen Addley, Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust</p> <p>Usual and unusual appearances of pelvic endometriosis - Dr Anju Sahdev, Consultant Radiologist, Barts Health NHS Trust</p>
H5 Cardiac	<p>Cardiac imaging pathways Optimising the pathway for cardiac CT referral - Alannah Barker</p> <p>TAVI CT - where in the pathway and how to do it - Dr Alistair Gummow, Consultant Radiologist, University Hospitals of Derby and Burton NHS Foundation Trust</p> <p>CMR in HCM - where in the pathway and how to do it - Dr Ben Holloway, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust</p>
H6 Education and workforce	<p>Workforce How Artificial Intelligence and technology can contribute to the workforce challenge - Dr Christopher Austin, Chief Medical Officer, Kheiron Medical</p> <p>The future workforce - Dr Tony Newman-Sanders, National Clinical Director for Diagnostics, NHS England</p> <p>Panel discussion: AI and the future workforce Chair: Dr Jane Young, Head of School, London School of Radiology</p> <p>Panel: Dr Caroline Rubin, Vice President, RCR; Dr Chris Austin</p>

H7 Proffered papers	<p>Head and neck Imaging on time, when 'time is brain' - a case study and image series outlining rapid and safe mechanical thrombectomy in hyperacute stroke - Ganeshan Ramsamy, University Hospitals Birmingham NHS Foundation Trust</p> <p>Characterization of brain tumor in magnetic resonance imaging using image texture analysis - Mona Gadeen, National University-Sudan</p> <p>Trigeminal neuralgia: The patient experience of magnetic resonance imaging (MRI) of the brain - Sophie Gallagher, University of Derby</p> <p>Assessing dynamic change in salivary gland function using MRI during chemoradiation for head and neck cancer (HNC) - David Noble, Clinical Research Fellow, University of Cambridge</p> <p>Head and neck cancer using MRI in radiotherapy planning: A pictorial review - John Paul Sahibbil, Lead MRI Radiographer, GenesisCare UK</p> <p>Pattern of magnetic resonance imaging findings among stroke patients in Lagos state - Bayode Oke, Radiographer, Lagos State University Teaching Hospital</p> <p>No radiologist required - a sustainable approach to implementing a one stop neck lump clinic - Nicola Davidson, Lead Sonographer, Worcestershire Acute NHS Trust</p>
H8 RPS	<p>RPS IRR17 Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA</p> <p>Feedback from hospital trust inspections under IRR17 - James Taylor, HSE</p> <p>HSE inspections - on the receiving end - Paul Connolly, IRS Limited</p> <p>Discussion</p>
15:00-15:40	Refreshments, exhibition and education on the stands

Register before Monday 8 April 2019
for discounted earlybird rates

Tuesday 11 June

Afternoon sessions I

15:40-16:40

I1

Radiotherapy
and oncology

Consultant radiographers - optimising the advantages of flexible skills mix 1

Palliative care – Karen Moore, Consultant Radiographer in Lung, Beatson West Of Scotland Cancer Centre
Training – Phil Reynolds, Consultant Radiographer in Prostate Radiotherapy, The Clatterbridge Cancer Centre NHS Foundation Trust

I2

MSK

Myth busting - things we do for no reason

Anticoagulation in MSK injections - Speaker Tbc
Errors in MSK radiology - Dr Prashant Sankaye, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust
Benign-looking malignant lesions - Dr Jaspreet Singh, Robert Jones and Agnes Hunt Orthopaedic and District Hospital NHS Trust
Soft tissue lesions - benign or malignant - Dr Khalid Ali, Consultant Musculoskeletal Radiologist, NHS Greater Glasgow and Clyde

I3

Head and neck
OsiriX

OsiriX (ends at 17:15)

Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust and Dr Philip Touska, Consultant Diagnostic Radiologist (Head and Neck), Guy's and St Thomas' NHS Foundation Trust

I4

Obs and gynae

Obstetrics

US imaging of complicated pregnancy - Dr Anne-Marie Coady, Consultant Radiologist, Hull and East Yorkshire Women and Children's Hospital
Acute abdominal and pelvic pain in pregnancy - Dr Rebecca Wiles, Consultant Radiologist, Royal Liverpool and Broadgreen University Hospital NHS Trust

I5

Cardiac

Cardiac imaging in special circumstances

Cardio-oncology imaging – Dr Jonathan Rodrigues, Consultant Radiologist, Royal United Hospitals Bath NHS Foundation Trust
Sports cardiac imaging – Dr Lynne Williams, Consultant Cardiologist, Royal Papworth Hospital NHS Foundation Trust
Pericardial disease imaging – Dr Bobby Agrawal, Consultant Cardiac and Thoracic Radiologist, Royal Papworth Hospital NHS Foundation Trust

I6

Research

The conflict between service delivery and research in clinical practice

Chair: Samaneh Shoraka, Treatment Lead Radiographer, Guy's and St Thomas' NHS Foundation Trust
The perspective from a wider AHP viewpoint of undertaking research alongside the priorities and pressures of service delivery - Naomi McVey, Head of Programmes for the Chief Allied Health Professions Officer, NHS England
The view of a manager with respect to the conflicting pressures of research and service delivery - Benjamin Roe, Head of Clinical Quality / Senior Clinical Lead (South West), NHS Improvement
The realities/challenges of undertaking research in a service driven environment – views from radiographers - Sue Williams, Consultant Breast Radiographer, Shrewsbury and Telford Hospitals NHS Trust and Lisa Bissett, Consultant Breast Radiographer, Poole Hospital NHS Foundation Trust

I7

Proffered
papers



Humanise and personalise

ASRT Exchange prize: The practice of empathy and encouraging its application in the radiologic setting - Paul Riley, USA
The construction of care in CT - Rachael Forton, Advanced Practice CT Radiographer, Norfolk & Norwich University Hospital
Exploring the humanistic work of clinical imaging: Emotional labour and gifts of caring - Tracy O'Regan, Professional Officer Clinical Imaging & Research, The Society and College of Radiographers
Examining the relationship between emotional intelligence and leadership attributes of Australian Chief Radiographers - Sarah Lewis Associate Professor, The University of Sydney
Think calm, stay calm and keep calm: A cognitive behavioural approach to anxiety related reaction in MRI - John Paul Sahibbil, Lead MRI Radiographer, GenesisCare UK
Clinical and lay attitudes towards sharing images with patients: A quantitative analysis - William Cox, University of Suffolk

I8

Exhibition
hall theatre



Radiotherapy board managers

Session details Tbc

I9

Ultrasound

MSK

Tuesday 11 June

Afternoon sessions J

16:45-17:45

J1 Radiotherapy and oncology	Consultant radiographers - optimising the advantages of flexible skills mix 2 Urology – <i>Speaker Tbc</i> Breast – <i>Speaker Tbc</i>
J2 Interventional oncology	MSK interventional oncology Chair: <i>Dr Amanda Isaac, Consultant Musculoskeletal Radiologist, Guy's & St Thomas' Hospitals NHS Foundation Trust</i> Tips and tricks for soft tissue and bone biopsies - how I do it – <i>Dr Radhesh Lalam, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust</i> Current and emerging concepts in minimally invasive management of spine augmentation in oncology – <i>Professor Jean-Denis Laredo, Consultant Radiologist Lariboisière Hôpital, Paris</i> The future of MSK interventional oncology – <i>Dr Danoob Dalili, UK Research fellow, Guy's & St Thomas' NHS Foundation Trust</i>
I3 cont. Head and neck OsiriX	OsiriX (ends at 17:15) Session details Tbc
J3 Molecular imaging	Molecular imaging - paediatrics and MSK Paediatrics PET - <i>Dr Diana Rosof-Williams, Consultant Radiologist, Lancashire Teaching Hospitals NHS Trust</i> SPECT-CT as MSK problem solving tool - <i>Dr John Cain, Consultant Neuroradiologist and Radionuclide Radiologist, Lancashire Teaching Hospitals NHS Trust</i>

J4 Informatics	NHS strategy on imaging Chair: <i>Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust</i> Technology to drive improvements in healthcare – leading from the front - <i>Will Smart, Chief Information Officer (CIO), NHS England</i> The value of clinical engagement in effecting HealthIT change – the importance of the CCIO – <i>Dr Gareth Thomas, Consultant in Intensive Care Medicine and Anaesthesia and Group Chief Clinical Information Officer, Salford Royal NHS Foundation Trust, The Northern Care Alliance NHS Group</i>
J5 SMRT	Society for MR Radiographers and Technologists (SMRT) - Cardiac MRI
J6 Proffered papers	Late-breaking abstracts Papers confirmed after 1 April.
J7 Informatics	PACS UnPACKed 2 Intelligent worklists management - <i>Speaker Tbc, Intellirad</i> MDT efficiency and integrated diagnostics – <i>Chris Scarisbrick, Sales Director, Sectra</i> Next generation radiology teaching file solutions - future directions in PACS based pedagogy – <i>Speaker Tbc, Change</i>
J8 Ultrasound	MSK
17:45-18:45	Fringe meetings and demo zone
19:45-late	AXREM dinner

Register before Monday 8 April 2019
for discounted earlybird rates

Wednesday 12 June

Morning sessions K

08:45-09:45

K1

Radiotherapy and oncology

Adaptive therapies 1

Chair: Steve Blake, Head of Radiotherapy Physics,
Bristol Haematology & Oncology Centre

Adaptive radiotherapy - current status and future possibilities - Professor Sara Thørnqvist, Associate Professor - Department of Physics and Technology, University of Bergen

Tools and technologies for adaptive radiotherapy - Professor Marcel van Herk, Chair in Radiotherapy Physics, University of Manchester

K2

MSK

Inflammatory arthritis

Chair: Dr Scott McDonald, Clinical Lead for MSK Imaging, Cambridge Universities NHS Foundation Trust

Imaging of peripheral arthritis - Professor Andoni Toms, Consultant Musculoskeletal Radiologist, Norwich University Hospitals NHS Foundation Trust

Imaging of axial spondyloarthritis - Dr Winston Rennie, Consultant Musculoskeletal Radiologist, University Hospitals of Leicester NHS Trust

K3

Urology

Imaging of prostate cancer

Chair: Dr Alison Bradley, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust

Multiparametric prostate MRI - how I do it - Dr Tristan Barrett, Consultant Radiologist, Cambridge University Hospitals NHS Trust

Pitfalls of prostate mpMRI - Dr Steven Kennish, Consultant Radiologist, Sheffield Teaching Hospitals NHS Foundation Trust

Accreditation in prostate mpMRI - interactive debate - Dr Jonathan Richenberg, Consultant Radiologist, Brighton and Sussex University Hospitals NHS Trust

K4

Informatics

Personalised medicine - impact of patient-centric data to improve performance

Chair: Dr Rizwan Malik, Consultant Radiologist, Bolton NHS Foundation Trust

Improving performance at team level - Damian Smith, Head of IT, England and Wales Cricket Board

Who owns my data? Using my data to create IP - ethical considerations around data usage, ownership and commercialisation - Eleonora Harwich, Director of Research & Head of Digital and Tech Innovation, Reform

How health apps are changing medicine - Chris Chapman, Digital Ecosystems Lead, Salford Royal NHS Foundation Trust

K5

Chest and lung

Interstitial lung disease - imaging update

Imaging and intervention in obstructive lung disease - Dr Madava Djearman, University Hospitals Birmingham NHS Foundation Trust

IPF - an imaging update - Dr Arjun Nair, Consultant Radiologist, Guy's and St Thomas' NHS Foundation Trust

Hypersensitivity pneumonitis - challenges and pearls - Dr John Reynolds, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust

K6

Service optimisation

Patient safety, inspection and managing turnaround times

Chair: Dr Giles Maskell, Consultant Radiologist, Royal Cornwall Hospitals NHS Trust

CQC radiology review - radiology reporting challenges - Sarah Peters, Lead IR(ME)R Inspector, CQC

Findings from a national investigation into the communication and follow-up of unexpected significant findings - Melanie Ottewill, National investigator, HSIB

Monitoring and managing reporting capacity - a proactive approach - Cathy Lea, Lead General Manager Imaging, University Hospitals of Leicester NHS Trust

Panel discussion



Wednesday 12 June

Morning sessions L

09:50-10:50

L1 Radiotherapy and oncology	Adaptive therapies 2 Chair: Steve Blake, Head of Radiotherapy Physics, Bristol Haematology & Oncology Centre Towards adaptive therapy in lung - progress and possibilities - Dr Sean Brown, Advanced Radiotherapy Technologies Network (ART-NET) Clinical Fellow, The Christie NHS Foundation Trust Adaptive pathway - science and skills - Dr Helen McNair, Lead Research Radiographer, The Royal Marsden NHS Foundation Trust
L2 MSK	Orthopaedic plain film Chair: Dr Robin Proctor, Consultant Radiologist, University Hospitals of Morecambe Bay NHS Foundation Trust Musculoskeletal XRs for primary care - Craig Anderson, Reporting Radiographer, University Hospitals of Morecambe Bay NHS Foundation Trust and Senior Lecturer, University of Cumbria Orthopaedic XRs - how to add value - Dr Harun Gupta, Consultant Musculoskeletal Radiologist, Leeds Teaching Hospitals NHS Trust Post-op orthopaedic films - what to expect and what to say - Mr David Knowles, Consultant Orthopaedic Surgeon, University Hospitals of Morecambe Bay NHS Foundation Trust
L3 Urology	Imaging of urological emergencies and trauma INTERACTIVE SESSION Chair: Dr Amit Patel, Consultant Diagnostic and Interventional Radiologist, East and North Herts NHS Trust The infected and obstructed kidney - Dr Harry Bardgett, Consultant Radiologist, Bradford Teaching Hospitals NHS Foundation Trust Genitourinary trauma - pearls and pitfalls - Dr Phil Haslam, Consultant Radiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust Penile and scrotal emergencies - Dr Jane Belfield, Consultant Radiologist, Royal Liverpool University Hospital NHS Trust

L4 Chest and lung	Imaging lung cancer - key to improving outcome Chair: Dr Klaus Irion, Consultant Chest Radiologist, Manchester University NHS Foundation Trust Rapid diagnosis - optimal lung cancer pathway - making it happen - Dr Anna Sharman, Lead Radiologist, Manchester University NHS Foundation Trust Lung cancer screening - an update and implications - Dr Anand Devaraj, Cardiothoracic Radiologist, Royal Brompton and Harefield NHS Foundation Trust Evaluating tumour response in the age of immunotherapy - Dr Rebecca Duerden, Manchester University NHS Foundation Trust
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L5 Research	Research collaboration Chair: Anne McKenna, Lead Research Radiographer, Gloucestershire Hospitals NHS Foundation Trust Outcome of the AHP Champions In Research initiative - Dr Rachel Harris, Professional and Educational Manager, ScoR Support 4 All - how collaboration between disciplines led to the development of a support bra for breast radiotherapy - Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University Bridging the gap - research collaboration between imaging and oncology professions - Dr Carole Burnett, Lead Clinician for Radiology Research and Innovation and Visiting Fellow, Leeds Biomedical Research Centre, University of Leeds
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L6 Proffered papers	Best practice Parathyroid isotope imaging: Best practice? - Dr Peter Strouhal, Consultant Radiologist, Royal Wolverhampton NHS Trust Investigating occult malignancy in patients with unprovoked venous thromboembolism at a large teaching hospital: changing practice - Dr Fiona McCurdle, Senior House Officer, London North West Healthcare Trust Time to Lego - re-thinking the radiology job plan - Dr Melissa Wernldle, Radiology Registrar, Great Western NHS Hospital Trust How readable are radiology reports? - Dr Georgiana Zamfir, ST4, Frimley Health Foundation Trust Performance of Nigeria-trained radiographers in x-ray interpretation - Christopher Ohagwu, Lecturer, Nnamdi Azikiwe University Awka, Nigeria 002 BARRIERS to research utilisation amongst diagnostic radiographers in the UK - Prince Gyimah, Radiographer, Manchester University NHS Foundation Trust
L7 Exhibition hall theatre	Patient dose surveys Overview of national DRLs and surveys - Sue Edyvean, Head of Medical Dosimetry Group, Public Health England The work of the IPeM paediatric patient dose working party - Mark Worrall, Radiation Protection Adviser, NHS Tayside
L8 Imaging technologies	FDG PET - is SUV a silly, useless value? Chair: Dr Heather Williams, Principal Medical Physicist, The Christie NHS Foundation Trust Uptake measures and the origins of SUV - Dr Peter Julyan, PET Clinical Scientist, The Christie NHS Foundation Trust Current use of uptake measures, what do they add? - Dr Malene Fischer, Clinical Senior Lecturer in PET Imaging, King's College London Beyond SUV - assessing the whole tumour with texture analysis - Dr Emiliano Spezi, Reader in Medical Engineering and Medical Physics, Cardiff University
10:50-11:45	Refreshments, exhibition and education on the stands

Register before Monday 8 April 2019
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Wednesday 12 June

Plenary

11:45-12:30

Plenary 3



Space and humanity

Dallas Campbell, Author, Broadcaster and Presenter
(The Gadget Show, Bang Goes the Theory, The Sky at Night, Stargazing Live and The Science of Stupid)

Prize announcements

12:35-13:20

Society keynote lectures

Society keynote lectures



SCoR Stanley Melville lecture

Title Tbc

Suzanne Rastrick, Chief Allied Health Professions
Officer (England), NHS England

From 12:30

Lunch, exhibition, demo zone and education on
the stands

Afternoon sessions M

13:45-14:45

M1

Radiotherapy
and oncology

Implementing new developments on the front line – a radiographer's perspective

Chair: Joanne Mitchell – Principal Radiographer –
Research, Edinburgh Cancer Centre

Research to practice – Merseyside - Louise Turtle,
Research and Development Expert Practitioner, The
Clatterbridge Cancer Centre NHS Foundation Trust

Research to practice – Glasgow - Aileen Dufton,
Lead Research and Development Radiographer, The
Beatson West of Scotland Cancer Centre

M2

Emergency and
trauma

Emergency imaging

Chairs: Dr Johnny Vlahos, Consultant Radiologist and
Dr Nirav Patel, Consultant Radiologist, St George's
University Hospitals NHS Foundation Trust

Imaging of head and neck emergencies -

Dr Nada Nakhla, Consultant Radiologist, St George's
University Hospitals NHS Foundation Trust

Imaging of emergencies in the younger child -

Dr Jacqueline Du Toit, St George's University
Hospitals NHS Foundation Trust

Current imaging concepts in acute pancreatitis -

Dr Nirav Patel, Consultant Radiologist, St George's
University Hospitals NHS Foundation Trust

M3

Urology
OsiriX

INTERACTIVE

Prostate MpMRI workshop -

Dr Amit Patel, Consultant Radiologist, East and
North Hertfordshire NHS Trust, Dr Julian Keanie,
Consultant Uroradiologist, NHS Lothian and Dr Alison
Bradley, Consultant Radiologist, Royal Cornwall
Hospitals NHS Trust

M4

Exhibition
hall



MPE optimisation masterclass

Interventional radiology - Andy Rogers, Head of
Radiation Physics, Nottingham University Hospitals
NHS Trust

Computed tomography - Gareth Iball, Consultant
Clinical Scientist, Leeds Teaching Hospitals NHS Trust

Digital radiography - Craig Moore, Medical
Physicist, Hull & East Yorkshire Hospitals NHS Trust

M5

Chest and lung

Imaging in pulmonary vascular disease

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

Imaging suspected acute pulmonary embolism -
an overview - Dr Smitha Rajaram, Consultant
Radiologist, Sheffield Teaching Hospitals NHS
Foundation Trust

Pulmonary hypertension imaging - a structured
approach - Dr Nick Screaton, Consultant Radiologist,
Royal Papworth Hospital NHS Foundation Trust

Pulmonary vasculitis and diffuse pulmonary
haemorrhage - Dr Sumit Karia, Consultant
Radiologist, Cambridge University Hospitals NHS
Foundation Trust

M6

Research

Incidental findings

Chair: Amanda Webster, Senior Therapy
Radiographer, National Radiotherapy Trials QA
(RTTQA) Group, Mount Vernon Cancer Centre

Incidental findings in neonatal MRI research -
Dr Christina Malamateniou, Programme Director,
Postgraduate Taught and Research (MRI), City
University of London

Incidental findings in undergraduate and
postgraduate research - Dr Andrew England, Senior
Lecturer in Radiography, University of Salford

M7

Informatics

Artificial intelligence (AI)

Chair: Dr Rizwan Malik, Consultant Radiologist,
Bolton NHS Foundation Trust

Natural language processing for the NHS -
a horizon scan? - Dr Rebecca Pope, Head of Data
Science & Engineering, KPMG LLP

AI in the NHS - how AI could help the NHS become
more efficient - Eleonora Harwich, Director of Research
& Head of Digital and Tech Innovation, Reform

Transferable learning from use of AI in other sectors -
Dr Djamila Amimer, CEO and Founder, Mind Senses Global
Panel Q&A

Wednesday 12 June

Afternoon sessions N

14:50-15:50

N1 MSK	<p>Trivial to tricky - test your joints! Plain film and cross-sectional radiological appearances of classical to challenging cases in musculoskeletal radiology - Dr Janani Pillai, Consultant Musculoskeletal Radiologist, London North West University Healthcare NHS Trust and Dr Leanne Singh, Consultant Radiologist, London North West University Healthcare NHS Trust</p>
N2 Urology	<p>Novel techniques in urological imaging Chair: Dr Jane Belfield, Consultant Radiologist, Royal Liverpool University Hospital NHS Trust</p> <p>The evolving use of contrast enhanced ultrasound in urological imaging - Dr Dean Huang, Consultant Radiologist, King's College Hospital NHS Foundation Trust</p> <p>Advanced MRI techniques in renal mass characterization - Dr Davide Prezzi, Consultant Radiologist, Guys and St Thomas' NHS Foundation Trust</p> <p>Contentious contrast issues in CT urography, today and beyond... - Dr Nigel Cowan, Consultant Radiologist, Portsmouth Hospital NHS Trust</p> <p>Ablation of the urinary tract - Dr Ian McCafferty, Consultant Radiologist, University Hospitals Birmingham NHS Foundation Trust</p>
N3 Chest and lung	<p>OsiriX Speakers Tbc</p>

N4 RPS	<p>RPS-IRMER17 Chair: Graham Hart, Radiation Protection Advisor & Laser Protection Advisor, YourRPA</p> <p>Feedback from hospital trust inspections under IRMER17 - Holly Warriner, IRMER Clinical Specialist Inspector, Care Quality Commission (CQC)</p> <p>IRMER17 inspections - a trust perspective - Eric Hughes, Diagnostics Divisional Manager, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust</p> <p>Significant events early feedback - Rachael Ward, IRMER Inspection Manager, CQC</p>
N5 Proffered papers	<p>Education</p> <p>Group coaching to support therapeutic radiography students during clinical placement - Joanne Harris, Education Lead for Therapeutic Radiography Students, Royal Surrey County Hospital NHS Foundation Trust</p> <p>Exploring and understanding research pedagogy in radiography in a UK university - Louise McKnight, Senior Lecturer, Birmingham City University</p> <p>Adopt and adapt: Undergraduate diagnostic radiography student responses to technology enhanced collaborative assessment using online wiki and verbal MS PowerPoint presentations - Iain MacDonald, Senior Lecturer, University of Cumbria</p> <p>Compassionate patient care in diagnostic medical imaging - Jill Bleiker, PhD student, University of Exeter College of Medicine and Health</p> <p>A pilot study investigating the effectiveness of a collaborative workshop between medical students and diagnostic radiography students on justifying radiology request forms to comply with IRMER legislation - Joanne Holmes, Radiographer and Clinical Educator, The Dudley Group NHS Foundation Trust</p> <p>Personalised e-learning for MSc medical ultrasound students - Lyndsey Callion, Project Manager/Lead Instructional Designer, HEE e-Learning for Healthcare and Shelly Smart, Senior Lecturer, Department of Medical & Sports Science, University of Cumbria</p>