

Encouraging multidisciplinary collaboration

BIR ANNUAL CONGRESS 2023

2–3 November

Royal College of Physicians, London



#BIRAC23

CPD: up to 18 credits

BIR Annual Congress 2023

We return this year yet again with a BIGGER and BETTER Congress!

Keeping in-line with the popular format, there will be three exciting streams that offer a comprehensive programme with an aim to encourage collaboration within all multidisciplinary professionals in imaging including senior management teams.

Taking place over two days, join us for excellent opportunities to meet delegates and network in an open and relaxed environment.

Schedule of events

Day 1

08:45 Registration opens
09:15 Welcome speech by the BIR President
09:30 Lecture begins
17:05 Drinks reception
19:00 Congress dinner

Day 2

09:00 Registration
09:30 Lecture begins
17:15 Close of event

Who should attend?

This multidisciplinary event will appeal to anyone within radiology, radiation oncology and the underlying sciences, including radiologists, physicists, radiology managers, radiographers, oncologists, clinical scientists, physicians, heads of department, decision makers, radiation protection advisers and supervisors.

Reasons to attend

1. Enhance your knowledge
2. Hear from experts in the field
3. Network with colleagues and peers
4. Extensive ePoster exhibition
5. Array of historical exhibits
6. Meet industry representatives

Encouraging multidisciplinary collaboration

ePosters

We once again see the return of electronic posters, which can be viewed on the screens located in the foyer. This will provide delegates with one-to-one interaction with presenters during the ePoster sessions.



Headline sessions

The BIR Sir Godfrey Hounsfield lecture and awards

Professor Adrian Brady
President

European Society of Radiology
Thursday 2 November 14:00



BIR Aidence Mayneord lecture and awards

Professor Sir Jonathan Van-Tam
Senior Strategy Adviser in Medicine
University of Nottingham
Friday 3 November 14:00



Thursday 2 November

Stream A

ARTIFICIAL INTELLIGENCE (AM)

NEURO (PM)

08:45 **Registration and refreshments**

09:15 **President's welcome and introduction**

Professor Stephen Keevil, President, The British Institute of Radiology

Session 1: AI product lifecycle: From conceptualisation to adoption

Chair: Dr Amrita Kumar and Dr Gerald Lip

09:25 **Welcome and introduction**

09:30 **AI adoption and implementation: Current landscape of AI implementation**

Dominic Cushnan, Director of Artificial Intelligence, Imaging and Deployment, NHS England

09:50 **AI governance: What do I need to know before I even consider AI as a solution?**

Dr Christina Malamateniou, Postgraduate Programme Director for Radiography, City University

10:10 **AI evaluation: The KITEC experience**

Dr Anna Barnes, Director, Kings College London Technology Evaluation Centre

10:30 **Panel discussion**

11:00 **Break**

Session 2: The transformation of the medical imaging workforce – how the future could look like?

Chair: Dr Christina Malamateniou and Dr Gerald Lip

11:30 **Transforming clinical pathways with AI**

Dr Amrita Kumar, AI Clinical Lead and Consultant Radiologist, Frimley Health NHS Foundation Trust

11:50 **Impact of healthcare innovation: Ecosystem of AI**

James Blackwood, AI Strategy and Portfolio Lead, NHS Greater Glasgow and Clyde

12:10 **Impact of AI on careers, roles and professional identity in imaging**

Dr Yannis Kyratsis, Senior Lecturer, City University

12:30 **Panel discussion**

13:00 **Lunch**

13:15 **Bayer sponsored lunchtime symposium**

Professor Nicoletta Anzalone, Associate professor of Neuroradiology, Vita-Salute University San Raffaele Hospital

14:00 **Lunch**

14:00 **The Sir Godfrey Hounsfield lecture and award: 'The 21st century radiologist: Optimising relevance (while staying sane)'**

Professor Adrian Brady, President, European Society of Radiology

15:05 **Break**

Session 3: Neuro

Chair: Dr Shah Islam

15:35 **Paediatric neuroradiology – tips and tricks**

Dr Kish Mankad, Consultant Neuroradiologist, Great Ormond Street Hospital for Children

15:55 **Is it idiopathic intracranial hypertension?**

Dr Sina Kafiabadi, Consultant Neuroradiologist, Guy's and St Thomas' NHS Trust

16:15 **Spinal infections**

Dr Shubh Biswas, Consultant Neuroradiologist, The Walton Centre NHS Foundation Trust

16:35 **What caused the patient's stroke?**

Dr David Doig, Consultant Neuroradiologist, National Hospital for Neurology and Neurosurgery

17:05 **Close of day and drinks reception**

Thursday 2 November

Stream B ONCOLOGY

08:45 **Registration and refreshments**

09:15 **President's welcome and introduction**
Professor Stephen Keevil, President, The British Institute of Radiology

Session 1: Expectation of each member of the Multiple Disciplinary team i.e. 'Setting the expectation' Chair: Mr Keith Langmack and Dr Christina Messiou

09:25 **Welcome and introduction**

09:30 **What the surgeon needs**
Mr Somaiah Aroori Renal Transplant Consultant, University Hospital Trust Plymouth

09:50 **What the radiologist needs**
Speaker to be confirmed

10:05 **What the oncologist needs**
Dr Rob Owens, Clinical Oncologist, Oxford University Hospitals NHS Foundation Trust; and Dr Dominique Parslow, Clinical Oncologist, University Hospital Trust Plymouth

10:20 **Case presentation**
Dr Rob Owens, Clinical Oncologist, Oxford University Hospitals NHS Foundation Trust; and Dr Dominique Parslow, Clinical Oncologist, University Hospital Trust Plymouth

10:40 **Panel discussion – how it works in reality?**

11:00 **Break**

Session 2: Acute radiotherapy and imaging in oncology Chair: Mr Keith Langmack and Dr Christina Messiou

11:30 **Developing a responsive urgent radiotherapy pathway**
Alison White, Nurse Clinician, The Christie NHS Foundation Trust

11:50 **Scanning unwell patients in MRI: Safe, fast and diagnostic scanning**
Ms Erica Scurr, Lead MRI Superintendent Radiographer, The Royal Marsden NHS Foundation Trust

12:10 **Understanding the indications for emergency radiotherapy**
Dr Saif Ahmad, Academic Consultant in Clinical Oncology, University of Cambridge

12:30 **Conventional or stereotactic radiotherapy as standard of care for localised vertebral metastases of the spine**
Dr Jenny Sherriff, Consultant Clinical Oncologist, University Hospitals Birmingham NHS Foundation Trust

12:50 **Panel discussion**

13:00 **Lunch**

13:15 **Bayer sponsored lunchtime symposium**
Professor Nicoletta Anzalone, Associate professor of Neuroradiology, Vita-Salute University San Raffaele Hospital

13:45 **Lunch**

14:00 **The Sir Godfrey Hounsfield lecture and award: 'The 21st century radiologist: Optimising relevance (while staying sane)'**
Professor Adrian Brady, President, European Society of Radiology

15:05 **Break**

Session 3: Acute radiotherapy and imaging in oncology

Chair: Mr Keith Langmack and Dr Christina Messiou

15:35	“Breathlessness? Cause” in patients with cancer: Techniques and differential diagnosis Dr Allanah Barker, Consultant Cardiothoracic Radiologist, Royal Papworth Hospital NHS Foundation Trust
15:55	“Headache? Cause” in patients with cancer: Techniques and differential diagnosis Dr Daniel Scoffings, Consultant Neuroradiologist, Cambridge University Hospitals NHS Foundation Trust
16:20	Avoiding treatment delays in radical radiotherapy patients – the impact of delays Dr Ketan Shah, Consultant Clinical Oncologist, Oxford University Hospitals NHS Foundation Trust
16:45	Panel discussion
17:05	Close of day and drinks reception

Thursday 2 November

Stream C

INCIDENTALOMAS (AM)

CASES FROM THE ARCHIVES (PM)

08:45 Registration and refreshments

09:15 President's welcome and introduction

Professor Stephen Keevil, President, The British Institute of Radiology

Session 1: Incidentalomas

Chair: Dr Rosalind Given-Wilson and Dr Nick Screaton

09:25 Welcome and introduction

09:30 Multicancer early detection tests

Professor Allan Hackshaw, Director, Cancer Research UK and University College London Cancer Trials Centre

09:45 Incidental non-nodule lung findings tips and tricks

Dr Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust

10:00 Managing incidental extrapulmonary findings in lung cancer screening

Dr Anna Sharman, Consultant Thoracic Radiologist, Manchester University NHS Foundation Trust

10:15 Management of incidental lung nodules – sorting the wheat from the chaff

Dr Sam Hare, Consultant Chest Radiologist, Royal Free London NHS Trust

10:30 B3 breast lesions

Dr Karoline Freeman, Senior Research Fellow (Screening/Test Evaluation), Warwick Medical School, University of Warwick

10:45 Panel discussion

11:00 Break

Session 2: Incidentalomas

Chair: Professor Stuart Taylor and Dr Rosalind Given-Wilson

11:30 Adrenal

Professor Anju Sahdev, Professor of Diagnostic Imaging and Director of Research GCS, Barts Health NHS Trust

11:50 Bone marrow

Dr Ramanan Rajakulasingam, Consultant Radiologist, Royal National Orthopaedic Hospital

12:10 Gall bladder

Dr Sidharth Srinivas, Consultant Radiologist, Liverpool University Hospitals NHS Foundation Trust

12:30 Head and neck

Dr Andrew McQueen, Consultant Radiologist, Newcastle Hospitals NHS Foundation Trust

12:50 Mesenteric panniculitis

Dr Vivienne Eze, Consultant Radiologist, Maidstone and Tunbridge Wells NHS Trust

13:10 Lunch

13:15 Bayer sponsored lunchtime symposium

Professor Nicoletta Anzalone, Associate professor of Neuroradiology, Vita-Salute University San Raffaele Hospital

13:45 Lunch

14:00 The Sir Godfrey Hounsfield lecture and award: 'The 21st century radiologist: Optimising relevance (while staying sane)'

Professor Adrian Brady, President, European Society of Radiology

15:05 Break

Session 3: Cases from the archives

Chair: Dr Andrew Nanapragasam

15:35 Challenging cases

Dr Satheesh Krishna Jeyaraj, Physician – Abdominal Radiology, Joint Department of Medical Imaging, University of Toronto, Canada

17:05 Close of day and drinks reception

Friday 3 November

Stream A

CHEST – CARDIAC AND LUNG (AM)

GI INTERACTIVE SESSION (PM)

09:00 Registration and refreshments

Session 1: Chest – cardiac

Chair: Dr Allanah Barker and Dr Nick Woznitza

09:25 Welcome and introduction

09:30 Coronary artery calcification on non-cardiac CT

Dr Alexia Farrugia, Consultant Radiologist, Mid and South Essex NHS Foundation Trust

10:00 Who's blocking the scanner? Extended role radiographers in cardiac CT

Colin Monaghan, CT Clinical Specialist, Liverpool Heart and Chest Hospital NHS Foundation Trust

10:15 Image optimisation in cardiac CT – protocols, software and AI

Elizabeth Van Lingen, CT Superintendent, Royal Cornwall Hospitals NHS Trust

10:30 Not just for CAD: Non-coronary cardiac CT

Dr Jonathan Weir-McCall, Honorary Consultant in Cardiothoracic Radiology, Royal Papworth Hospital NHS Foundation Trust

11:00 Break

Session 2: Chest – lung

Chair: Dr Allanah Barker and Dr Nick Woznitza

11:30 Lung cancer: CT or not CT?

Speaker to be confirmed

11:50 Implementation of straight to CT from chest X-ray for lung cancer: The national optimal lung pathway experience

Ms Myriam Jackson, Advanced Practitioner Reporting Radiographer, Lincoln County Hospital

12:10 Interstitial lung disease for non-thoracic radiologists – tips and tricks

Dr Catherine Jones, Cardiothoracic Radiology Lead, I-MED Radiology Network

12:35 AI in interstitial lung disease

Dr Krit Dwivedi, Wellcome Trust Clinical Research Fellow, The University of Sheffield

13:00 Lunch

13:15 Oxipit sponsored lunchtime symposium: 'ChestLink in action – advancing toward autonomous AI reporting of normal chest radiography studies'

Dr Naglis Ramanauskas, Chief Medical Officer and Co-Founder, Oxipit

13:45 Lunch

14:00 The BIR Aidence Mayneord Memorial lecture and award: 'Science, policy and leadership during the SARS-CoV-2 pandemic'

Professor Sir Jonathan Van-Tam, Senior Strategy Adviser in Medicine, University of Nottingham

15:15 Break

Session 3: GI interactive session

Chair: Professor Stuart Taylor and Dr Simon Jackson

15:45 Hot and cold colon

Dr Damian Tolan, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust

16:15 Cystic pancreatic lesions

Dr Edmund Godfrey, Consultant Radiologist, Cambridge University Hospitals NHS Foundation Trust

16:45 Acute abdomen

Dr Rebecca Greenhalgh, Consultant Radiologist, London North West University Healthcare NHS Trust

17:15 Close of event

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Friday 3 November

Stream B

MUSCULOSKELETAL INFECTIONS AND IMAGING (AM)

09:00 Registration and refreshments

Session 1: Musculoskeletal infections

Chair: Dr Sri Redla, Dr Dimitri Amiras and Dr Kannan Rajesparan

09:25	Welcome and introduction
09:30	Clinical importance of timely and accurate diagnosis in the treatment of MSK related infection Dr Frances Sanderson, Consultant Infectious Diseases; and Dr Dunisha Samarsinghe, Microbiology Consultant, Imperial College Healthcare NHS Trust
09:50	Imaging of typical and atypical bone infections Dr Michele Calleja, Consultant Musculoskeletal Radiologist, Royal National Orthopaedic Hospital NHS Trust
10:10	Imaging of typical and atypical MSK infections Dr Richard Fawcett, Consultant Musculoskeletal Radiologist, Leeds Teaching Hospitals NHS Trust
10:30	Imaging of suspected infected orthopaedic implants Dr Rikin Hargunani, Consultant Musculoskeletal Radiologist, Royal National Orthopaedic Hospital NHS Trust
10:50	Panel discussion

11:00 Break

Session 2: Musculoskeletal imaging

Chair: Dr Sri Redla, Dr Dimitri Amiras and Dr Kannan Rajesparan

11:30	Emerging imaging techniques in MSK radiology Dr Dimitri Amiras, Consultant Musculoskeletal Radiologist, Imperial College Healthcare NHS Trust
11:45	Advances in MSK MRI Imaging techniques Dr Karyn Chappell, MRI Imaging Scientist, Imperial College London
12:00	US imaging of lumps and bumps Professor Adrian Lim, Consultant Radiologist, Imperial College Healthcare NHS Trust
12:15	US imaging and grading of muscle injury Dr Chris Watura, Consultant Musculoskeletal Radiologist, Chelsea and Westminster Hospital NHS Foundation Trust
12:35	US image optimisation / How to make a great MSK ultrasound image Mr Robert de Souza, Clinical Applications Specialist, Canon Medical Systems Ltd
12:55	Panel discussion

13:10 Lunch

13:15 **Oxipit sponsored lunchtime symposium: 'ChestLink in action – advancing toward autonomous AI reporting of normal chest radiography studies'**
Dr Naglis Ramanauskas, Chief Medical Officer and Co-Founder, Oxipit

13:45 Lunch

14:00 **The BIR Aidence Mayneord Memorial lecture and award: 'Science, policy and leadership during the SARS-CoV-2 pandemic'**
Professor Sir Jonathan Van-Tam, Senior Strategy Adviser in Medicine, University of Nottingham

15:15 Break

15:45 Please join stream A or C

17:15 Close of event

Stream C

NEW OPPORTUNITIES IN MRI

09:00 Registration and refreshments

Session 1: New opportunities: Remote MRI scanning for increased patient throughput – pros and cons

Chair: Professor Stephen Keevil and Dr Geoff Charles-Edwards

09:25 Welcome and introduction

09:30 Different solutions for enabling remote MR scanning

Dr Johan van den Brink, Principal Scientist and Architect, Philips, The Netherlands

09:45 Practical experiences on remote scanning

Anton Quinsten, Chief Radiology Technologist, Universitätsmedizin Essen, Germany

10:00 Professional responsibilities

Alexandra Lipton, Professional Officer, Society of Radiographers

10:15 Panel discussion

11:00 Break

Session 2: New opportunities: Increasing throughput

Chair: Professor Stephen Keevil and Dr Geoff Charles-Edwards

11:30 Accelerated acquisition technology for reducing scan times

Simon Shah, Principal Physicist in Magnetic Resonance, IPEM MR Advanced Acceleration Technology Task and Finish Group

12:00 Abbreviated MRI protocols

Georgina Hopkinson, MRI Research Superintendent Radiographer, The Royal Marsden NHS Foundation Trust; and Ilse Patterson, Lead R&D Radiographer, Cambridge University Hospitals NHS Foundation Trust

12:25 Non-MRI sequence based approaches to improving patient throughput

Dr Hersh Chandarana, Vice Chair of Hospital Operations and Analytics and Professor of Radiology, New York University Langone Hospital

12:50 Portable MRI scanners

Paul Cawley, Guy's and St Thomas' NHS Foundation Trust

13:00 Lunch

13:15 Oxipit sponsored lunchtime symposium: 'ChestLink in action – advancing toward autonomous AI reporting of normal chest radiography studies'

Dr Naglis Ramanauskas, Chief Medical Officer and Co-Founder, Oxipit

13:45 Lunch

14:00 The BIR Aidence Mayneord Memorial lecture and award: 'Science, policy and leadership during the SARS-CoV-2 pandemic'

Professor Sir Jonathan Van-Tam, Senior Strategy Adviser in Medicine, University of Nottingham

15:15 Break

Session 3: New opportunities: Supporting a multidisciplinary workforce

Chair: Professor Stephen Keevil and Dr Geoff Charles-Edwards

15:45 Welcome and introduction

15:50 Why a clinical MRI unit needs an MR physicist – a radiographer/radiologist perspective

Eloise Clamp, Interim MRI Clinical Specialist Radiographer; and Dr Abhishek Mahajan, Locum Consultant Radiologist, The Clatterbridge Cancer Centre NHS Foundation Trust

16:10 Developing a business case for an MR physicist

Matilda Nyekiova, Head of Radiation Protection, Royal Berkshire NHS Foundation Trust

16:25 Extended roles for MR radiographers: Cardiac monitoring

Ilse Patterson, Lead R&D Radiographer, Cambridge University Hospitals NHS Foundation Trust

16:40 Extended roles for MR radiographers: Sedation

Paul Lowe, Principal Radiographer – MRI, Lancashire Teaching Hospitals NHS Trust

BIR ANNUAL CONGRESS 2023

Reviews from previous BIR Annual Congress

“The range of subjects covered and the excellent presentations by the speakers gave me many insights into current radiology protocols as well as reinforcing my existing knowledge, which was reassuring.”

“It was my first time I attended Radiology Congress. It was a very useful event. A lot of interesting topics were addressed. Good organisation. Very beautiful and convenient location. Would love to attend more Congresses in future.”

“It was an excellent congress , very well organised and BIR staff went an extra mile to look after delegates, I got to know some of them with names and faces. The educational aims were very good and the plenary/memorial lectures were fantastic. It was wonderful how in the inaugural speech the BIR president gave all essential highlights and not to miss.”

VENUE

Royal College of Physicians 11 St Andrews Place London NW1 4LE

BY TRAIN:

- Euston station (15 mins walk)
- King's Cross and St Pancras stations
- National and International rail services (5 minutes by taxi)
- Marylebone station (5 minutes by taxi)

BY UNDERGROUND:

- Regent's Park station on the Bakerloo line (5 minutes walk)
- Great Portland Street Station on the Circle, Metropolitan and Hammersmith and City lines (5 minutes walk)
- Warren Street Station on the Victoria and Northern lines (10 minutes walk)

BY BUS:

- A – Routes: 18, 27, 30, 205, 453
- B – Routes: 88
- C – Routes: 18, 27, 30, 205
- D – Routes: 18, 27, 30, 205, 453

BY CAR:

- Easy access via M40 and M1
- Car Parking: The RCP offers free parking to disabled guests by prior arrangement and is situated outside the congestion charge zone. The nearest public car park is a few minutes walk away.

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