BIG DATA

Venue: etc.venues Farringdon – The Hatton, London

CPD: 6 CREDITS

Bayer have part
funded this event

BIG DATA
Venue: etc.venues Farringdon – The Hatton, London
CPD: 6 CREDITS

This one day event will explore the concept of big data by explaining the five "V"s – volume, value, veracity, variety and velocity and their features.

It will define how big data is generated from each imaging modality and non-radiological images, e.g. endoscopy, ophthalmology and how such data contributes to enterprise imaging.

The event will also clarify the ethics of big data in the era of artificial intelligence and machine learning, whilst explaining the benefits of big data to consumers, particularly in the context of improving patient care and training of future healthcare professionals.

Educational aims:
- To understand the concept of big data in the context of medical imaging
- To understand how big data contributes to patient care?
- To learn how to keep big data secure and understand why cloud computing is

Time	Session
08:30	**Registration and refreshments**
09:00	**Welcome and introduction** Professor Sanjay Gandhi, Core Clinical Research and Innovation Lead, North Bristol NHS Trust and Head of Radiology and Diagnostic Imaging, University of Bristol
09:10	**What clinicians would like to achieve from big data and AI: Radiology and oncology perspective** Professor Sanjay Gandhi, Core Clinical Research and Innovation Lead, North Bristol NHS Trust and Head of Radiology and Diagnostic Imaging, University of Bristol
09:40	**Current status of AI and computer aided detection (CAD)** Dr Lawrence Bell, Radiology Registrar, Southmead Hospital, Bristol
10:10	**NHS perspective on 'big data' in improving patient care** Dr Indra Joshi, Digital health and AI Clinical Lead, NHS England
10:50	**Refreshments**
11:20	**Making use of Big Data in Medical Imaging** Professor Giovanni Montana, Professor of Biostatistics and Bioinformatics, University of Warwick
11:50	**Practical AI in Radiology. Ensuring value-based application and improving outcomes – IT industry's perspective: Part 1** Dr Anjum Ahmed, Global Director IITS, Agfa HealthCare IT UK Ltd

This course provides 6 CPD credits in accordance with the CPD Scheme of the Royal College of Radiologists

22 NOVEMBER 2019

12:20	**Using big data in radiology healthcare – IT industry's perspective: Part 2** Dr Shah Islam, Clinical Research Fellow, Imperial College London
12:50	**Lunch**
13:50	**Patient's perspective on the use of big data** Mr Peter Buttle, South West NHS Clinical Senate Citizens' Assembly Volunteer Member (CA) and Healthwatch Wiltshire Volunteer
14:20	**Ethics and privacy pertaining to big data** Ivana Bartoletti, Head of Privacy and Data Protection, Gemserv and Co-Founder, Women Leading in AI Network
14:50	**Data security including cybersecurity – challenges and solutions** Dr Saif Abed, Cybersecurity Specialist and Founding Partner, AbedGraham Healthcare Strategies
15:20	**Refreshments**
15:50	**Impact of big data on future of radiology training** Speaker to be confirmed
16:20	**Panel discussion** Mr Kevin Shah, Head of Enterprise New Business, Fujifilm

Join us

Join the BIR today to benefit from reduced delegate rates for our events.

For membership information visit:
www.bir.org.uk/join-us

Programme Organiser

Professor Sanjay Gandhi, Core Clinical Research and Innovation Lead, North Bristol NHS Trust and Head of Radiology and Diagnostic Imaging, University of Bristol

BIG DATA

Venue: etc.venues Farringdon – The Hatton, London

51-53 Hatton Garden
London
EC1N 8HN

LONDON UNDERGROUND:
Farringdon Station (Metropolitan, Circle, Hammersmith and City lines)
Option 1: Turn left onto Turnmill Street. At the end turn left onto Clerkenwell Road. Hatton Garden is the third turn on the left.

Option 2: Turn right onto Turnmill Street. Turn right onto Cowcross Street. Walk past the station entrance. Cross Farringdon Road onto Greville Street. Hatton Garden is the third turn on the right.

BY TRAIN:
Farringdon Thameslink
Exit the station onto Cowcross Street, turn right and cross over Farringdon Road onto Greville Street. Hatton Garden is the third turn on the right.

Kings Cross
Take Metropolitan, Circle or Hammersmith and City underground lines to Farringdon station and follow instructions as above.

BY BUS:
The Hatton is served by a number of bus routes at both ends of Hatton Garden including 55, 243, 8, 17, 25, 45, 46, 242 and 341.

BY CAR:
There are three NCP car parks within close proximity of The Hatton, one directly opposite the building. The other two are located on Cross Street (Saffron Hill NCP) and on Bowling Green Lane (off Farringdon Road). The Hatton is located very close to public transport links ensuring an easy journey and allowing you to avoid the congestion charge. However if you do need to drive please remember the venue sits within the congestion charge zone – for further information visit www.cclondon.com

APPROVED BY THE
BIR