



## Schedule of Events

# RSNA 2021

At Kheiron, we're transforming cancer diagnostics through the power of deep learning. Come along to our event sessions to find out more.

Or, visit booth #4738 in the South Hall's AI Showcase. Any questions? Contact [rsna@kheironmed.com](mailto:rsna@kheironmed.com)

### Sunday, Nov. 28

#### 11:00 Tea & Talk

Impact of an AI solution as a reader in a national breast screening programme  
**Dr. Nisha Sharma, The Leeds Teaching Hospitals, NHS Trust**  
Booth #4738, AI Showcase, South Hall

Join this session to learn about our recent clinical study, which explores how an AI solution could replace the second human reader in a mammogram screening workflow.

#### 3:00 Tea & Talk

Accelerating the adoption and deployment of AI solutions in breast cancer screening  
**Sarah Kerruish, Kheiron**  
**Dee Dinneen, Kheiron**  
Booth #4738, AI Showcase, South Hall

In 2020, the UK Government announced Kheiron as one of the winners of its Artificial Intelligence (AI) in Health and Care Awards. Join this session to learn more about what this means for providers in the UK and beyond.

# Monday, Nov. 29

## 11:00 Tea & Talk

The radiologists' role in achieving optimal positioning for breast cancer detection: Lessons learned and how AI can improve image quality

**Dr. Randy Hicks,**

**Regional Medical Imaging**

**Prof. Dr. Ruud Pijnappel, LRCB**

[Booth #4738, AI Showcase, South Hall](#)

In this session, we examine why radiologists must insist on well positioned, properly exposed mammograms, and discuss what value AI can bring to acquiring mammography images.

## 12:30 AI Showcase

Safety nets in medical imaging AI: What they are and why they matter

**Dr. Ben Glocker, Kheiron**

[AI Theatre, AI Showcase, South Hall](#)

With any use of AI in medical imaging, safety is paramount. In this session, we discuss various safeguards and look at the reliability and robustness of AI algorithms for clinical deployment.

## 12:45 Breast Monday Poster Discussions

Screening analysis with mammographic AI of a full three-year round. Standalone performance in a real-world study in a novel, trusted research environment.

**Dr. Gerald Lip, NHS Grampian**

[Poster discussion, Scientific Poster BRO2-B1 Digital Poster Hall](#)

This research details a retrospective evaluation of a standalone AI tool. Join this discussion to find out how it satisfied all governance and security requirements, while achieving an acceptable recall rate.

## 12:45 Breast Monday Poster Discussions

Impact of extramammary labels and artifacts on performance of deep learning algorithms in mammography

**Dr. Bonnie Joe, UCSF**

[Poster discussion, Scientific Poster BRO2-B5 Digital Poster Hall](#)

This research abstract details the impact that external objects (such as jewellery) can have on deep learning algorithms for cancer detection and screening mammography.

## 3:00 Tea & Talk

Our vision for the future of cancer detection

**Dr. Peter Kecskemethy, Kheiron Tobias Rijken, Kheiron**

[Booth #4738, AI Showcase, South Hall](#)

We are on the cusp of a new age where AI diagnostics will make all the difference to cancer patients. Hear from Kheiron's co-founders as they discuss our vision to make cancer as manageable as an everyday illness.



## Tuesday, Nov. 30

### 11.00 Tea & Talk

How AI can help address the COVID-related breast screening backlog

**Prof. Stephen Duffy,**  
**Queen Mary University of London**  
Booth #4738, AI Showcase, South Hall

COVID-19 has exacerbated existing mammogram backlogs. Renowned statistician Prof. Duffy will share how the UK Breast Screening Programme could tackle this challenge with Kheiron's AI-enabled invitation tool, RSViP.

### 12:15 Lunch & Learn

The importance of inclusivity and diversity in healthcare AI

**Dr. Bonnie Joe, UCSF**  
**Dr. Amy Patel, Liberty Hospital**  
**Dr. Hari Trivedi, Emory University**  
**Sarah Kerruish, Kheiron**  
Room S403A, Level 4, South Building

Join leading experts in exploring why our industry should strive for diversity when developing algorithms, and why we must address potential biases now.

### 3:00 Tea & Talk

Showcasing the future of breast cancer screening: Kheiron's applications of AI across the screening pathway

**Dr. Sean Pollock, Kheiron**  
**Dr. Ravi Patel, Kheiron**  
Booth #4738, AI Showcase, South Hall

Learn about Mia®, Kheiron's AI-enabled solutions that empower radiologists to deliver confident, accurate and timely results across the breast screening pathway.

## Wednesday, Dec. 1

### 11.00 Tea & Talk

Clinical validation: Helping to ensure Mia® works for every woman, everywhere

**Dr. Jonathan Nash, Kheiron**  
**Dr. Galvin Khara, Kheiron**  
Booth #4738, AI Showcase, South Hall

An informal discussion about the journey Kheiron has taken to develop Mia as a world-leading clinical application to support the early detection of breast cancer. This will include exploring the clinical trials Kheiron has been involved with to date and opportunities for the future.

# Thursday, Dec. 2

## 8.00 Scientific session: Breast imaging

I spy with my AI: the importance of thorough retrospective performance evaluation prior to AI implementation

**Dr. Gerald Lip, NHS Grampian**

Session ID: SSBRI0

Mammography hardware vendors update their software and machinery every 3-5 years. Attend this session to learn about a retrospective study that explored how such updates can significantly impact AI performance.



## Where to find us

AI Demonstration Stage								
4729	4735	4738	4742	4745				
4929	4934	4937	4942					

Visit us at booth  
**#4738** or contact  
[rsna@kheironmed.com](mailto:rsna@kheironmed.com)