

# SENSING AND IMAGING FOR DIAGNOSTICS, DETECTION & MONITORING

Thursday 28 February 2019  
Notts County Football Club, Meadow Lane,  
Nottingham, NG2 3HJ



PART FUNDED BY:



**European Union**  
European Regional  
Development Fund

This event is being held as part of the INSTILS programme – a project part-funded by the European Regional Development Fund.

09h00 REGISTRATION AND REFRESHMENTS

09h30 WELCOME AND INTRODUCTIONS

09h35 Overview and setting the scene

09h45 Sensing inside the cell with miniaturised analytical devices

10h05 Sensing and imaging at micro and nano-scales using non-invasive biophotonic techniques: for diagnosis, toxicity assessment and other clinical uses

10h25 Wearable sensing with optical fibres and textiles

Medilink East Midlands

Professor Steve Morgan  
Centre for Healthcare  
Technologies

Dr Jon Aylott  
The University of  
Nottingham

Professor Ioan Notingher  
The University of  
Nottingham

Professor Steve Morgan  
Centre for Healthcare  
Technologies & Simon  
McMaster Footfalls &  
Heartbeats

IN PARTNERSHIP WITH:

**CHT** Centre for  
Healthcare  
Technologies



University of  
**Nottingham**  
UK | CHINA | MALAYSIA

INFO@MEDILINKEM.COM

WWW.MEDILINKEM.COM

0115 822 3154

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10h55

From sensing data to advanced diagnostic and therapeutic tools focussing on data analysis

Dr Philip Quinlan &  
Dr Xin Chen  
The University of  
Nottingham

11h15

REFRESHMENTS AND BREAK

11h45

Utilising 3D tracking technology and systems for healthcare diagnostics, detection and monitoring

Luke Siena  
Nottingham Trent  
University

12h00

Panel Discussion: Working with Universities and Industry to get from bench to bedside, Chaired by Professor Dan Clark, Nottingham University Hospitals NHS Trust

- Prof Barrie Hayes-Gill, University of Nottingham
- Dr James Carpenter, Surepulse Ltd
- Dr Sarah Bolton, CHEATA

12h45

LUNCH AND NETWORKING

13h30

CLOSE

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