AI in Healthcare Symposium

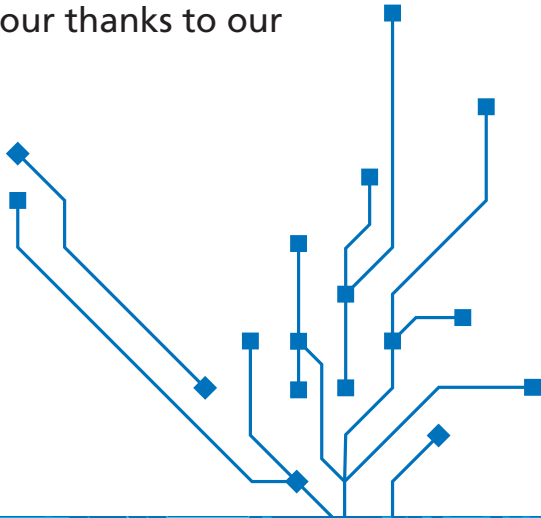## EVENT GUIDE

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Welcome

We are delighted to welcome you to the inaugural AI in Healthcare Symposium Conference, where we will discuss how AI is currently being used in healthcare and explore how it's future use is expected to revolutionise the sector.

The event promises to be an informative and inspiring platform for healthcare professionals, industry and stakeholders to collaborate and create an AI ecosystem to promote the responsible use of AI and leverage the analytical capabilities to improve patient care, operational efficiency and research.
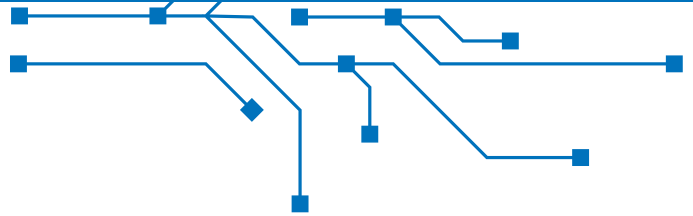
Featuring speakers from senior members of the NHS, academia and industry they will share their experiences on automating tasks, improving decision making and creating new opportunities for innovation.

The AI in Healthcare Symposium promises to be a fantastic opportunity to discover how AI developers and healthcare professionals are identifying and deploying new innovation and the potential for widespread adoption of this technology.

On behalf of NHS University Hospitals of Liverpool Group and Health Innovation North West Coast, we would like to express our thanks to our sponsors Cisco and Dell Technologies.

Agenda

Time	Session	Speakers
09:00	**Arrival and registration**	
09:25	**Conference welcome and opening address**	**Dr Lynn Greenhalgh**, Director of Strategy for Research Innovation and Precision Medicine - Liverpool Acute Adult and Specialist Providers
09:30	**Deploying generative AI in a clinical environment**	**Dr Shankar Sridharan**, Chief Clinical Information Officer - Great Ormond Street Hospital, and National Clinical Lead for Artificial Intelligence - NHS England
09:50	**AI for health – A learning system approach**	**Professor Iain Buchan**, Associate Pro Vice Chancellor for Innovation / W.H. Duncan Chair of Public Health Systems – University of Liverpool
10:10	**The Lister Alliance - Co-creation, experimentation and innovating with industry**	**Declan Hadley**, Healthcare Lead UK and Ireland - Cisco
10:30	**The Frontier Firm**	**Alejandro Flores,** Microsoft CoPilot Technical Specialist - Microsoft
10:50	**Refreshments and networking**	
11:30	**Parallel sessions** • **Experimenting with Agentic AI to drive incremental improvements in productivity** • **AI Centre for Value Based Healthcare** • **From idea to agent – How AI agents can simplify your daily work** • **What do we need to be aware of in AI (Ethics, trustworthy and transparency)?** • **AI in Healthcare Showcase**	CISCO DELL TRUSTMARQUE UKRI Science and Technology Facilities Council Hartree Centre ORCHA Chair: **Dr Seamus Coyle** – Consultant in Palliative Medicine, The Clatterbridge Cancer Centre NHS Foundation Trust

12:30	Lunch	
13:30	**Parallel sessions** • **Patient and carer engagement using AI-enabled chatbots and omni-channel communications** • **AI Centre for Value Based Healthcare** • **From idea to agent – How AI agents can simplify your daily work** • **What could we do better to design out problems?** • **AI in Healthcare Showcase**	CISCO DELL TRUSTMARQUE UKRI Science and Technology Facilities Council Hartree Centre ORCHA Chair: **Dr Vinoth Sankar,** Deputy Clinical Director of Innovation – NHS University Hospitals of Liverpool Group
14:30	**Refreshments and networking**	
15:00	**An AI framework for LAASP – the balance between governance and innovation**	**Matt Connor,** Group Chief Digital and Information Officer - NHS University Hospitals of Liverpool Group
15:15	**AI and data privacy considerations** **"What the law requires: Foundations before frameworks."**	**Andrew Bowdler,** fCMgr, MCMI, CGAI, VR - Principal Data Analyst – Merseyside Internal Audit Agency
15:30	**Governance - The responsible development and deployment of AI systems** Panel session chair: **Declan Hadley,** Healthcare Lead UK and Ireland, Cisco	**Professor Iain Buchan,** Associate Pro Vice Chancellor for Innovation / W.H. Duncan Chair of Public Health Systems – University of Liverpool **Matt Connor,** Group Chief Digital and Information Officer - NHS University Hospitals of Liverpool Group **Professor Richard Harding,** Business Development Manager - UKRI: STFC: The Hartree Centre **Dr Vinoth Sankar,** Deputy Clinical Director of Innovation – NHS University Hospitals of Liverpool Group
16:25	**Closing remarks**	**Dr Phil Jennings,** Chief Executive - Health Innovation North West Coast

Speaker biographies

Welcome and opening address

Dr Lynn Greenhalgh, Director of Strategy for Research Innovation and Precision Medicine - Liverpool Acute Adult and Specialist Providers

Dr Lynn Greenhalgh is the Director of Strategy for Research, Innovation and Precision Medicine across the five adult acute and specialist trusts that are coming together to form the NHS University Hospitals of Liverpool Group. Trained as a Clinical Geneticist she has taken many genomics leadership roles locally and regionally including being the Medical Director of the North West Genomics Laboratory Hub. She was the Chief Medical Officer at Liverpool Women's Hospital for four years before taking on her new role. She is also currently the Vice Chair of the British Society of Genomic Medicine and will be the Chair from February 2026.

Deploying generative AI in a clinical environment

Dr Shankar Sridharan, Chief Clinical Information Officer - Great Ormond Street Hospital, and National Clinical Lead for Artificial Intelligence - NHS England

Dr Shankar Sridharan is a Consultant Fetal and Paediatric Cardiologist. He is the Cardiac Network Lead for Great Ormond Street Hospital (GOSH) and is focused upon improving fetal and paediatric cardiac care. Dr Sridharan has worked at GOSH since 2001 and has completed two years of formal sub-specialty training in fetal cardiology.

He is also a visiting Consultant Paediatric Cardiologist for Whipps Cross Hospital and The Royal London Hospital, Whitechapel.

AI for health – A learning system approach

Professor Iain Buchan, Associate Pro Vice Chancellor for Innovation / W.H. Duncan Chair of Public Health Systems – University of Liverpool

Professor Buchan is a public health physician and data scientist with over 25 years of experience in public health and data science. He has led over £250m in research activity and published over 360 works (h-index 88), including software, and patents. He led the world's first evaluation of mass rapid antigen testing, risk-mitigated reopening of mass events for UK COVID-19 responses and founded the UK's first Civic Data Cooperative. He leads data science and AI research focused on global challenges of antimicrobial resistance, pandemic preparedness, mental health, medicines optimisation, multimorbidity and health system resilience.

The Lister Alliance - Co-creation, experimentation and innovating with industry
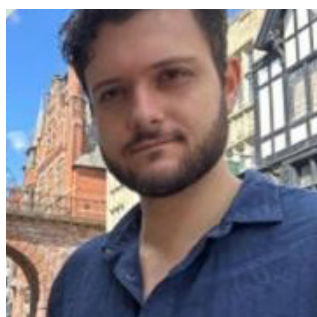
Declan Hadley, Healthcare Lead UK and Ireland – Cisco

Prior to joining Cisco in April 2021, Declan worked in the NHS for over thirty years. He started his career as a Mental Health Nurse, moving quickly into information management in the 1990s. In 2001, Declan was appointed as Health Informatics Director at Lancashire Care NHS Foundation Trust, where he led on the development of innovative mobile solutions and new clinical applications to support an agile workforce. From 2014, Declan led on the development and delivery of a digital health strategy for Lancashire and South Cumbria Integrated Care System. In this role, he directed several large-scale innovation programmes at a regional level, including a shared care record exemplar.

In his current role as Healthcare Lead for the UK and Ireland, Declan is leading on Cisco's healthcare strategy, shaping solutions, and working closely with several NHS organisations involved in the New Hospital Programme, to help accelerate their digital transformation.

The Frontier Firm

Alejandro Flores, Microsoft CoPilot Technical Specialist - Microsoft

Alejandro is working at the forefront of digital transformation in healthcare. With a global perspective and a strong focus on the NHS, Alejandro works with healthcare organisations to leveraging Microsoft 365 Copilot and AI-powered agents to streamline workflows, improve clinical and operational efficiency, and empower frontline staff to focus on what matters most—patient care.

Parallel sessions

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Session 1: Experimenting with Agentic AI to drive incremental improvements in productivity

Session 2: Patient and carer engagement using AI-enabled chatbots and omni-channel communications

Cisco is your trusted technology partner, delivering a portfolio of solutions that enable you to build a secure, intelligent platform for digital healthcare. For over 40 years, Cisco's innovative technologies have helped to bring more connected patient care and efficient workflows throughout healthcare organisations, hospitals and clinics.

www.cisco.com/site/uk/en/index.html

AI Centre for Value Based Healthcare

AI will help the NHS increase efficiency, improve therapies, drive safety, and reduce costs all of which benefit patients, medical staff, and the wider society. It is one of the most exciting and inspiring areas of healthcare currently being researched and developed, and it's our mission, at the AI Centre, to spearhead innovation and opportunities for the NHS both now and in the future.

www.dell.com/en-uk/dt/solutions/artificial-intelligence/index.htm

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From idea to agent – How AI Agents can simplify your daily work

Microsoft is a global technology leader dedicated to empowering every person and every organisation on the planet to achieve more. Through trusted cloud platforms, AI innovation, and secure digital solutions, Microsoft helps organisations transform, collaborate, and thrive in a rapidly evolving world. With a deep commitment to sustainability, accessibility, and responsible AI, Microsoft partners with organisations to drive meaningful impact and inclusive progress.

Trustmarque delivers the value of technology to bring real-life impact. As a trusted partner to both customers and technology vendors, together, we turn your vision into reality. Trustmarque's knowledge, experience, and technical expertise helps organisations acquire and adopt the right technology to create an environment of innovation. Trustmarque don't use X anymore, but our LinkedIn page is:

https://www.linkedin.com/company/trustmarque-solutions/

Session 1: What do we need to be aware of in AI (Ethics, trustworthy and transparency)?

Session 2: What could we do better to design out problems?

The Hartree Centre helps UK businesses and organisations of any size to explore and adopt supercomputing, data science and artificial intelligence (AI) technologies for enhanced productivity, smarter innovation and economic growth. Backed by significant UK government funding and strategic partnerships with industry leaders such as IBM, Atos and the University of Liverpool, the Hartree Centre is home to some of the most advanced digital technologies and experts in the UK.

www.hartree.stfc.ac.uk/

Organisation for the Review of Care and Health Apps (ORCHA) are the world's number one technology provider for delivering safe digital health. Founded in the UK by NHS clinicians, their mission is to put the power of digital health safely into the hands of everyone who needs it. Since 2015, national health services, health and care organisations, life sciences and digital health innovators have trusted their technology to deliver digital health safely.

AI in Healthcare Showcase

From colliders to clinicians: How LIV.INNO turns big data physics into healthcare breakthroughs
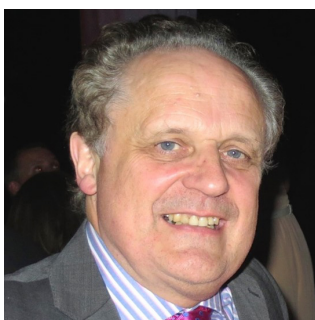

Professor Carsten Welsch, Professor of Physics - University of Liverpool

Professor Carsten Welsch is a Distinguished Professor of Physics at the University of Liverpool. His QUASAR Group integrates data-intensive science with accelerator R&D, advancing low-energy antimatter studies and developing novel, high-resolution beam diagnostics. Prof Welsch has coordinated six EU research networks and directs the STFC Centres for Doctoral Training LIV.DAT and LIV.INNO, collectively training almost more than 200 early stage researchers and attracting £25 million in funding.

A former Head of Department, he shapes UK research strategy through STFC Council and other high level advisory roles, and shares accelerator science widely through conferences, schools and global outreach.

Opportunity for the use of AI in lung cancer screening: workload reduction

Professor John Field, Clinical Professor Molecular Oncology – University of Liverpool

Professor John Field, PhD, FRCPath has a Personal Clinical Chair in Molecular Oncology at the University of Liverpool; Director of Research of the Roy Castle Lung Cancer Research Programme, Chief Investigator for the UK Lung Cancer Screening Trial (UKLS) and Principal Investigator of the Liverpool Lung Project, a molecular-epidemiological study into the early detection of lung cancer. He has developed lung cancer LDCT screening recommendations through IASLC and The American Association for Thoracic Surgery, as well as leading the 'European Position Statement on lung cancer Screening' in Lancet Oncology.

https://www.liverpool.ac.uk/systems-molecular-and-integrative-biology/staff/john-field/ https://orcid.org/0000-0003-3951-6365

Using AI to enhance tumour segmentation in Hodgkin's lymphoma when data is scarce

Miss Ruojun Zhang, PhD Student – University of Liverpool

Miss Zhang is a second-year PhD student in Electrical Engineering and Electronics at the University of Liverpool. She received my undergraduate degree in Mathematics from Sun Yat-sen University in 2021. Her research interests include artificial intelligence for medical image segmentation, image registration, and treatment outcome prediction.

The clinical and research artificial intelligence strategy for cellular pathology

Professor Vijay Sharma, Clinical Director of Cellular Pathology - NHS University Hospitals of Liverpool Group

Professor Sharma is currently the Clinical Director of Cellular Pathology, a Consultant Histopathologist with specialist interests in breast pathology, and has affiliations to both the School of Medicine and the Department of Molecular and Clinical Cancer Medicine in the University of Liverpool. He is one of the UK's leading authorities on AI in pathology. His research interests are in the role of energy metabolism in disease, including cancer, heart disease and diabetes, and also in the implementation and development of artificial intelligence in digital pathology.

He has extensive teaching experience across a range of scientific and healthcare disciplines at both undergraduate and post-graduate level, including teaching medical students, pharmacy students, science students, biomedical scientists, junior doctors and histopathology trainees. He has also supervised undergraduate, Masters and PhD students for their research.

"Wow, this is the future"…. not really

Dr Laurence Tidbury, Research IT Systems Lead - Liverpool Heart and Chest Hospital NHS Foundation Trust

Dr Tidbury's background is in visual perception research, which he is currently using at LHCH to develop a virtual-reality 3D-model pathway for surgical planning education. Substantively, he supports the data design, capture and analytics, and technology requirements of a number of studies, ranging from the management of their REDCap database instance to interfacing and developing pipelines with radiation dose reporting and imaging, to retrieve the data necessary for our studies. His main projects are the data management of the Fish&Chips study, the TriNetX data federation platform and integrating other 'hardware for AI' research solutions such as Agora-Labs and BC-Platforms, and their own local machines.

Artificial intelligence in cardiovascular care – implementation and impact

Dr Timothy Fairbairn, Consultant Cardiologist, Assoc Prof – University of Liverpool

Dr Fairbairn sub-specialises in cardiovascular imaging at Liverpool Heart and Chest Hospital. His clinical practice includes general cardiology, inherited cardiac conditions and structural heart disease with academic interests in the adoption of new technologies in healthcare, big data, artificial intelligence and ensuring equality in healthcare provision. He is CI of the FISH&CHIPS study, sits on the BHF Translational grants committee, BHF Data science centre working group, NICE Technologies adoption panel member and is on the Board of the SCCT and BSCI.

SymBot - Improving cancer care with better symptom monitoring

Chair: Dr Seamus Coyle, Consultant in Palliative Medicine - The Clatterbridge Cancer Centre NHS Foundation Trust

Dr Coyle is a Consultant in Palliative Medicine at The Clatterbridge Cancer Centre NHS Foundation Trust and an Honorary Senior Clinical Lecturer at the Liverpool Head and Neck Centre at the University of Liverpool. He moved to Liverpool to take up an Academic Clinical Fellowship in August 2012 and completed consultancy training in 2016. His main research area is the biology of dying and the development of a urine test to predict dying (recently patented). He is the Clinical lead for Innovation at Clatterbridge since February 2022.

AI automation in clinical coding: Enhancing efficiency and strengthening services

Jen Wilson, Clinical Coding and Data Quality Manager - Liverpool Women's NHS Foundation Trust
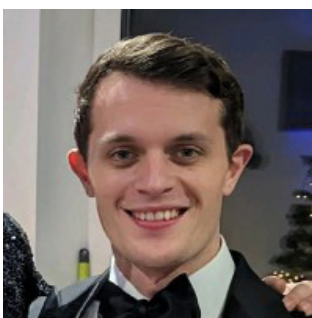
Michael Beamish, Deputy Head of Business Intelligence - Liverpool Women's NHS Foundation Trust

Jen Wilson is Clinical Coding and Data Quality Manager at Liverpool Women's NHS Foundation Trust. Passionate about uniting professionals across disciplines, Jen advocates for collaborative, practical AI solutions that enhance efficiency and staff experience. Her innovative grassroots approach highlights how AI can create meaningful, lasting impact on services and workforce, while developing future-ready skills within teams. As an active member of the NHS Digital Skills Development Network, she champions digital capability and workforce development, promoting the benefits of automation and empowering colleagues to confidently embrace new technologies.

Michael Beamish is Deputy Head of Business Intelligence at Liverpool Women's Hospital, with 15+ years in NHS roles spanning Acute, Specialist, and Community care. He is a leader in bringing power automate and AI into the hospital, processing millions of data rows and across multiple automations for thousands of patients. Michael is passionate about automation—believing it's key to driving growth, unlocking savings, and, with rapid advances in AI, making a real difference to sustainability and cost efficiency across the NHS.

Isolating medical device labels using computer vision

Archie Samuels, Clinical Audit Manager - Liverpool Heart and Chest Hospital NHS Foundation Trust

Archie is the Clinical Audit Manager at Liverpool Heart and Chest. He is interested in applying statistical inference and machine learning to clinical audit activities.

AI strategy for the 21st century pathology service

Dr Nikhil Ravikumar, Consultant Pathologist - NHS University Hospitals of Liverpool Group

Dr Nikhil Ravikumar is a histopathology consultant at LCL, specialising in breast and head and neck pathology. An advocate for technology transformation in healthcare, Dr Ravikumar is also a self-taught programmer, an avid user of digital pathology and is deeply interested in future applications of artificial intelligence in pathology. He is actively involved in research focused on developing AI in pathology.

An AI framework for LAASP – the balance between governance and innovation

Matt Connor, Group Chief Digital and Information Officer - NHS University Hospitals of Liverpool Group

Matt is the Group Chief Digital and Information Officer at University Hospitals of Liverpool Group. He has worked for more than two decades in several digital services roles at NHS organisations across Cheshire and Merseyside and held a number of senior leadership positions. Digital innovation and transformation will play a significant role in how we deliver our digitally enabled care services in Liverpool. Artificial intelligence will play a significant role within this and we want to ensure we harness the technology, enabling at scale deployment underpinned by safe and appropriate governance.

AI and data privacy considerations - "What the law requires: Foundations before frameworks."

Andrew Bowdler, fCMgr, MCMI, CGAI, VR - Principal Data Analyst – Merseyside Internal Audit Agency

Andrew Bowdler is a Principal Data Analyst leading digital assurance initiatives in the NHS. He specialises in AI governance, data quality, and the strategic use of analytics to improve public sector decision-making. With expertise in machine learning, audit automation, and data visualisation, he develops tools that drive insight, detect anomalies, and support safer services. Andrew also leads peer learning networks, including PowerConnect NW, to build data literacy across the system. Passionate about ethical innovation, he is helping shape the future of healthcare through responsible, transparent, and impactful data and AI use.

Panel sessions

Governance - The responsible development and deployment of AI systems

Declan Hadley, Healthcare Lead UK and Ireland - Cisco

Prior to joining Cisco in April 2021, Declan worked in the NHS for over thirty years. He started his career as a psychiatric nurse, moving quickly into information management in the 1990s. In 2001, Declan was appointed as Health Informatics Director at Lancashire Care NHS Foundation Trust, where he led on the development of innovative mobile solutions and new clinical applications to support an agile workforce.

More recently, Declan has acted as Programme Director for the North West Coast Connected Health Cities Programme and Digital Associate for the Innovation Agency North West Coast. From 2014, Declan led on the development and delivery of a digital health strategy for Lancashire and South Cumbria Integrated Care System.

Professor Iain Buchan, Associate Pro Vice Chancellor for Innovation / W.H. Duncan Chair of Public Health Systems – University of Liverpool

Professor Buchan is a public health physician and data scientist with over 25 years of experience in public health and data science. He has led over £250m in research activity and published over 360 works (h-index 88), including software, and patents. He led the world's first evaluation of mass rapid antigen testing, risk-mitigated reopening of mass events for UK COVID-19 responses and founded the UK's first Civic Data Cooperative. He leads data science and AI research focused on global challenges of antimicrobial resistance, pandemic preparedness, mental health, medicines optimisation, multimorbidity and health system resilience.

Professor Richard Harding, Business Development Manager - UKRI: STFC: The Hartree Centre

Professor Harding is a Global Business Development Professional. He brings the benefits of the convergence of bleeding edge technology like artificial intelligence, quantum and high performance computing to the public sector and industry.

Matt Connor, Group Chief Digital and Information Officer - NHS University Hospitals of Liverpool Group

Matt is the Group Chief Digital and Information Officer at NHS University Hospitals of Liverpool Group. He has worked for more than two decades in several digital services roles at NHS organisations across Cheshire and Merseyside and held a number of senior leadership positions. Digital innovation and transformation will play a significant role in how we deliver our digitally enabled care services in Liverpool. Artificial intelligence will play a significant role within this and we want to ensure we harness the technology, enabling at scale deployment underpinned by safe and appropriate governance.

Dr Vinoth Sankar, Deputy Clinical Director of Innovation - NHS University Hospitals of Liverpool Group

Dr Vinoth Sankar has been a Consultant Physician and Adult General Intensivist since 2014, and currently serves as the Deputy Clinical Director of Innovation at NHS University Hospitals of Liverpool Group (UHLG). He brings deep expertise in quality improvement (QI) and innovation methodology, with a proven track record of delivering complex interventions in high-acuity settings. He successfully led the implementation of the Medical Examiner service in Liverpool, showcasing his ability to operationalise system change. Dr Sankar combines clinical insight with strategic execution, driving innovation that aligns with safety, efficiency, and governance.

Closing remarks

Dr Phil Jennings, Chief Executive – Health Innovation North West Coast

Dr Phil Jennings is the Chief Executive of Health Innovation North West Coast. He also continues to practise as a GP and has a specialist interest in cardiology. Phil is also Vice Chair of the network of 15 Health Innovation organisations across England.

Phil's previous roles include the Primary Care Lead for the Cheshire and Merseyside Cardiac Network; Chairman of NHS Wirral Clinical Commissioning Group; and deputy medical director at NHS England and NHS Improvement North West.

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