AI Nurses Network Conference 2026

1st September 2026

King's College London

AI Nurses Network

"Harnessing artificial intelligence in nursing: from hospital to community care"

FOREWORD

It is with great pride that we welcome you to the inaugural AI Nurses Network Conference. As we progress through 2026, it is clear global health systems are under immense pressure, stretched by demographic change, chronic diseases, the growing complexity of care, regional and global conflict, and climate change. These are compounded by challenges including health workforce shortages, economic constraints, and political crises. In this context, the nursing profession is more important than ever to achieve better human health and health system outcomes. Therefore, we must leverage every tool at our disposable to support nurses in delivering high quality patient care and population health.

The emergence of artificial intelligence (AI) within this complex landscape has created new opportunities for nurses to utilise their knowledge and skills in health data and digital technologies to help solve some of the challenges facing our patients and profession. Although AI techniques, models and tools offer new ways to enhance care, they have inherent limitations and pose new risks for front-line nurses, nurse managers and nursing leaders that we must consider and help address to ensure patients and their families remain supported and protected in a digital and AI age.

This conference provides a platform to discuss AI in healthcare and demonstrate nurses impact when utilising this new technological trend. Through our thematic topics and diverse speakers, we will showcase education, research, clinical practice and entrepreneurship that highlight how nurses are innovating using AI to improve care, support health systems, and contribute to evidence based practice. Our aim is clear – to position nurses at the forefront of AI in healthcare – and as a driving force for innovation now and into the future.

Together let us use this conference to inspire, connect and build momentum to further the ethical and safe use of AI in nursing practice. By recognising and advancing nursing expertise, we invest not only in better health, but also in stronger, more stable and more resilient health systems for all.

Dr Siobhán O'Connor
Global Director, AI Nurses Network
www.ai-nurses.com

GENERAL AIMS

INTRODUCTION

The team at the AI Nurses Network are passionate about supporting nurses to develop and use artificial intelligence (AI) techniques, models and tools in nursing practice, education, and research to improve patient care and population health. By weaving together these themes in our inaugural conference, we aim to create a platform that showcases nursing innovation and leadership in AI in healthcare. The result will be a dynamic conference that inspires debate, sparks collaboration, and showcases nurses' expertise across the United Kingdom and the world.

CONFERENCE AIMS

PRESENT progress and best practices in AI development, use and evaluation that supports nursing practice locally, nationally, and internationally.

INSPIRE debate on the development of different forms of AI and its use in nursing practice, education, and research across the United Kingdom and globally.

DEMONSTRATE impact that nurses who pioneer AI can have on patient care, health service delivery, workforce development and population health.

SPARK collaboration between nurses and AI experts and industry to enable new AI models and AI tools to be developed and integrated into healthcare.

THEMATIC TOPICS

1 PROFESSIONAL PRACTICE Covering aspects of nursing practice where machine learning based predictive models and tools, generative AI, and ambient voice or AI scribing technologies among others are used for patient care and population health.

2 EDUCATION AND TRAINING Uncovering novel methods for undergraduate and postgraduate education and continuing professional training in AI and data science, with nurses as pivotal actors in delivering robust pedagogical approaches to AI-based education.

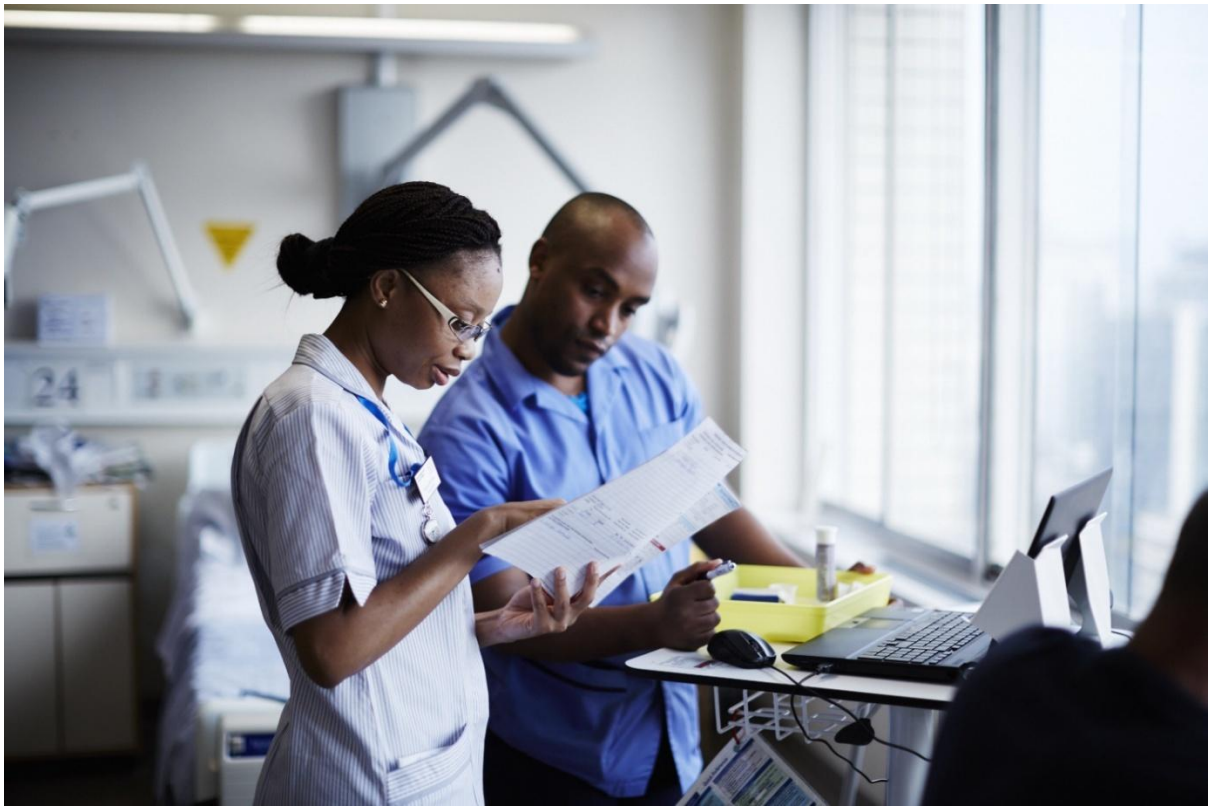
GENERAL AIMS

3 INFRASTRUCTURE AND REGULATION Exploring nurses' contribution to AI strategy and policy in healthcare, along with regulatory challenges when introducing AI-based technologies into acute hospital and primary care settings.

4 DIGITAL HEALTH ECOSYSTEMS Examining how nurses can harness AI in tandem with other digital health technologies (e.g., telehealth, wearables, electronic health records) to enhance patient outcomes, optimise resource use, and deliver evidence-based healthcare.

5 WORKFORCE WELLBEING Focusing on physical and mental health among nurses and students when utilising digital and AI technologies, and how to create supportive ad safe working environments that enable care in a digital and AI age.

6 LEADERSHIP AND INNOVATION Highlighting nurses' leadership in AI development, implementation, and governance and exploring innovation pathways for creating bespoke AI models and AI tools for nurses.

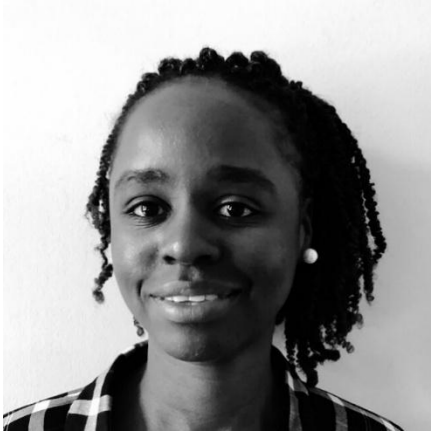


SPEAKERS

Professor Clare Cable, Burdett Trust for Nursing

36 years a nurse, Clare Cable has spent most of her career in healthcare quality improvement and policy. She spent the last decade honing her leadership skills as Chief Executive and Nurse Director of the Queen's Nursing Institute Scotland where she reintroduced the Queen's Nurse Title through a nine-month transformational development programme. Since October 2024 she has been the Chief Executive of the Burdett Trust for Nursing.

Elizabeth Nassuna, Imperial College Healthcare NHS Trust



Elizabeth Nassuna is a fracture specialist nurse at Imperial College Healthcare NHS Trust. She works in the secondary prevention of fragility fractures and osteoporosis. Alongside her clinical practice, she supports the safe implementation of AI and digital tools in frontline healthcare, with a focus on how these technologies embed into real clinical workflows. For instance, she is the creator of CalciTrack, Imperial's first digital calcium intake calculator, developed to support patient education and safer clinical decision making within osteoporosis pathways. She has been selected for the NHS Clinical Entrepreneur Programme and the Shuri Network Digital Fellowship where she is developing leadership in clinical AI implementation, innovation, and equitable digital transformation across healthcare systems.

Howard Catton, International Council of Nurses

Howard Catton was appointed the Chief Executive Officer of the International Council of Nurses (ICN) in February 2019. He is committed to ensure that ICN effectively represents nursing worldwide, advances the nursing profession, promotes the wellbeing of nurses and advocates for health in all policies. He firmly believes that nurses should be at the heart of health policy decision making and leading healthcare systems and delivery. Throughout his career Howard has worked and written extensively on issues relating to the nursing and healthcare workforce and he co-chaired the first ever State of the World's Nursing Report. He has led ICN's work to respond to and support nurses globally during the pandemic and has been at the forefront of advocating for the protection of and investment in the nursing profession.

SPEAKERS

Andreia Trigo, Enhanced Fertility

Andreia Trigo, RN BSc MSc is the CEO of Enhanced Fertility. Andreia is also an experienced nurse consultant, TEDx speaker and the recipient of numerous awards, including the British Fertility Nurse prize 2022 & 2025 by the British Fertility Society, Women in Innovation 2022 by Innovate UK and King's College London Distinguished Alumni 2024 for Business and Entrepreneurship. Andreia has a Purple Plaque at Florence Nightingale School of Nursing for her business activities and is an advocate for women in entrepreneurship.

Dr Marion Waite, Oxford Brookes University

Dr Marion Waite is a nurse and clinical academic researcher based at Oxford Brookes University. Marion is also a Florence Nightingale Digital Scholar. She leads multidisciplinary projects focused on digital health, AI-enabled innovation, and improving outcomes for underserved and younger adults living with long-term conditions. Her work brings together NHS partners, industry, and higher education to co-design practical tools — from VR-enhanced learning to AI-supported clinical decision dashboards. She also leads staff development and patient and public involvement, ensuring lived experience meaningfully shapes research and implementation. Marion is committed to advancing digital capability across the nursing and AHP workforce and championing technologies that deliver real-world impact for the communities who need them most. Marion and her team were one of the inaugural recipients of seed funding from the AI Nurses Network in 2025.

Pavana Pillai, Oxford University NHS Foundation Trust

Pavana Pillai is a lead for the Enhanced Recovery After Surgery (ERAS) at Oxford University Hospitals NHS Foundation Trust with a background in cardiac nursing. She leads service development, innovation, and transformation across enhanced recovery pathways to improve patient outcomes and operational efficiency She completed her BSc in Nursing in India and a MSc at Oxford Brookes University. Pavana is part of the Oxford team that were one of the inaugural recipients of seed funding from the AI Nurses Network in 2025.

SPEAKERS

Dr Sahar Konsari, Edinburgh Napier University

Dr Sahar Khonsari is a Lecturer in Adult Nursing and a researcher within the Centre for Cardiovascular Health in the School of Health and Social Care at Edinburgh Napier University. Sahar's research focuses on the co-design and evaluation of innovative, technology-enabled interventions to support behaviour change, particularly among people living with cardiovascular conditions, and on improving patient experience across healthcare settings. Sahar and her team were one of the inaugural recipients of seed funding from the AI Nurses Network in 2025.

Dr Mengying Zhang, King's College London

Dr Mengying Zhang is a Research Associate in the Florence Nightingale Faculty of Nursing, Midwifery and Palliative Care at King's College London. She has a multidisciplinary background in nursing and finance, completing her undergraduate studies in China, qualifying as a nurse in 2018, and was awarded her MSc and PhD from The University of Edinburgh. Her research focuses on the co-design and evaluation of digital health interventions aimed at improving patient health outcomes. She has a particular interest in digital health innovation, patient and public involvement, and the implementation and evaluation of AI-enabled nursing and health interventions. Her methodological expertise is in systematic reviews and realist evaluations.

Peter White, Alder Hey Children's Hospital NHS Foundation Trust

Peter White is CNIO at Alder Hey NHS Foundation Trust in Liverpool; a senior nurse working with the clinical, iDigital and Innovation teams. Having close working relationship with clinical staff to ensure they have access to the best digital solutions; Peter is transforming the way nurses deliver care for children and young people. Peter takes an active lead on nursing informatics, utilising data to improve patient care, safety and experience. Peter is an active member of the Northwest Digital Nurse, AHP and Midwifery Network, was a member of the Digital Health national CNIO Advisory Panel 2023-2025 and currently leading Nurse Led Digital Research project which is sponsored by NHS England.

SPEAKERS

Mafalda Gomes, Guy's and St Thomas' NHS Foundation Trust

Mafalda Gomes works at the intersection of nursing practice, digital transformation, and the Epic electronic health record system. Her clinical background is in critical care, having worked across several intensive care units, with the longest tenure at Royal Brompton Hospital. There, she gained extensive experience in acute and high-dependency care, serving as one of the nurses in charge of the unit and as a member of the ECMO retrieval nursing team. During this time, she completed a Postgraduate Diploma in Intensive Care and a Master of Science in Clinical Leadership.

Tayo Onipede, King's College Hospital

Tayo Onipede is a highly experienced Registered Senior Nurse with over 27 years of clinical and digital healthcare experience within acute care settings. Her clinical background spans Renal, Falls and Haematology, providing a strong foundation for her work in digital transformation. She serves as the Senior Nursing Information Officer at King's College Hospital NHS Foundation Trust, London, where she has led digital nursing transformation initiatives over the past four years. Her work centres on streamlining digital workflows, including safe medicine administration via Bar Code Medication Administration and applying artificial intelligence in nursing to enhance efficiency, patient outcomes, and staff experience.

Dr Siobhan O'Connor, King's College London

Dr Siobhán O'Connor is a Senior Lecturer at King's College London, an Adjunct Associate Professor role at Western University, Canada and is a Liaison to the United Nations for Sigma Nursing. She is an internationally recognised leader in digital health, with a research portfolio of more than £6.5 million, and a multidisciplinary background in nursing and information systems. Her research focuses on co-designing, implementing and evaluating technologies in healthcare, with a particular interest in mobile health and AI innovations that can support patient self-management. She served as an external advisor on the World Health Organization on the WHO's State of the World's Nursing report 2025 and lead the AI Nurses Network.

PROGRAMME

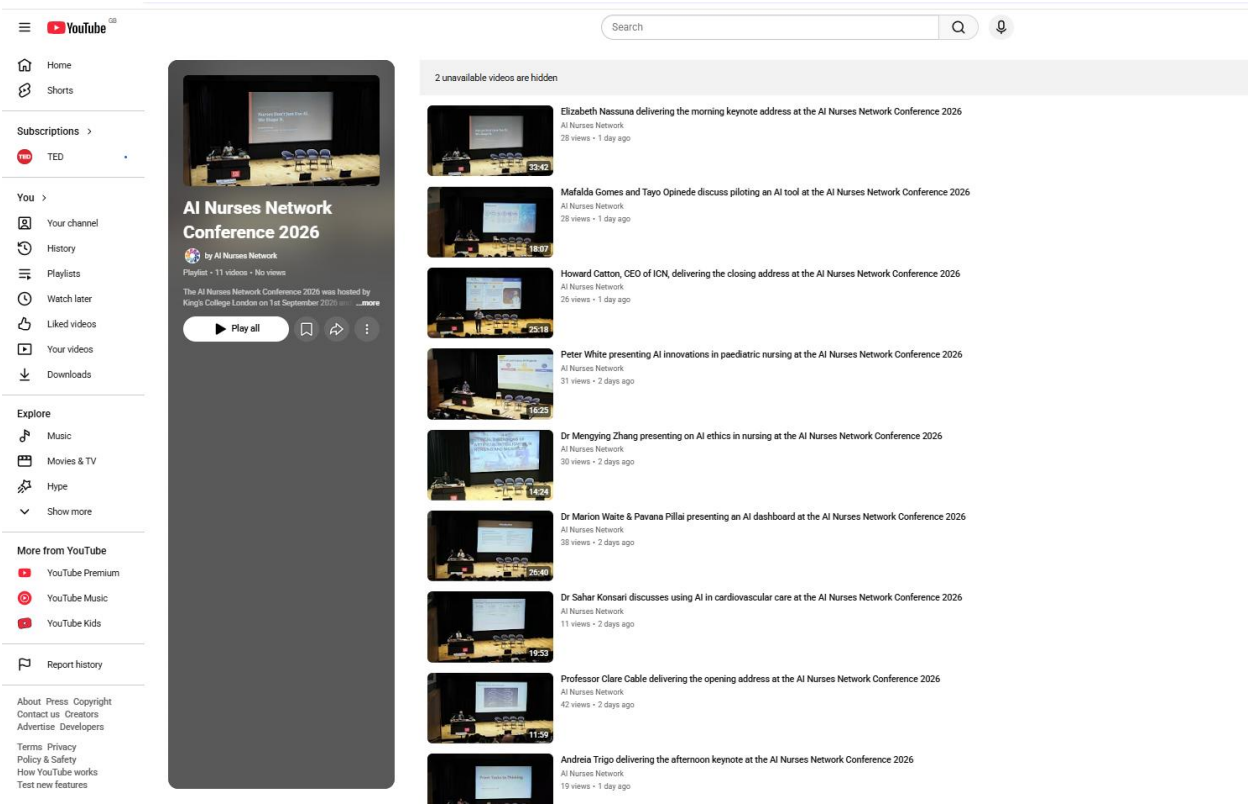
The AI Nurses Network Conference 2026 took place on the 1st September 2026 at King's College London. The conference programme is outlined below.

ARRIVALS	**09.00 – 10.00**	**Tea, coffee and refreshments**
Welcome	10.00 – 10.05	Dr Siobhán O'Connor, AI Nurses Network
Opening address	10.05 – 10.15	Professor Clare Cable, Burdett Trust for Nursing
Morning Keynote	10.15 – 11.00	Elizabeth Nassuna, Imperial College Healthcare NHS Trust "*From Bedside to Blueprint: Nurses Don't Just Use AI. We Shape It*"
Session 1	11.00 – 11.15	Dr Sahar Konsari, Edinburgh Napier University **"***Exploring AI agents to support behaviour change in people with cardiovascular disease***"**
Session 2	11.15 – 11.30	Dr Marion Waite, Oxford Brookes University and Pavana Pillai, Oxford University Hospitals NHS Foundation Trust "*Evaluating the Usability and Acceptability of a Prototype AI-Powered Enhanced Recovery Progress Dashboard*"
Session 3	11.30 – 11.45	Dr Mengying Zhang, King's College London "*Ethical dimensions of artificial intelligence in nursing and midwifery: a systematic review and AI ethics toolkit*"
Morning Panel	11:45 – 12.15	Professor Clare Cable, Elizabeth Nassuna, Dr Sahar Konsari, and Dr Marion Waite
Awards	12.15 – 12.30	Student Scholarship Awards, Saba Qaisar and Ka Wai Mui
LUNCH	**12.30 – 13.30**	**Lunch**
Afternoon Keynote	13.30 – 14.00	Andreia Trigo, Founder and CEO of Enhanced Fertility "*The Evolution of Nursing in the Age of AI*"
Session 4	14.00 – 14.15	Peter White, Alder Hey Children's Hospital, Liverpool "*AI innovations enhancing paediatric nursing care*"
Session 5	14.15 – 14.30	Mafalda Gomes, Guy's and St Thomas NHS Foundation Trust Tayo Onipede, King's College Hospital NHS Foundation Trust "*Transforming end-of-shift nursing notes with AI*"
Session 6	14.30 – 14.40	Zainab Qazi, Guy's and St Thomas NHS Foundation Trust "*NHS Fellowship in Clinical AI*"
Afternoon panel	14.40 – 15.10	Andreia Trigo, Peter White, Mafalda Gomes, Tayo Onipede, and Howard Catton
Closing address	15.10 – 15.20	Howard Catton, International Council of Nurses
CLOSING	**15.20 – 15.30**	**Conference wrap-up**

SPEAKER PRESENTATIONS

YouTube Playlist

All the video recordings of speaker presentations from the conference are available via a YouTube playlist here: https://www.youtube.com/playlist?list=PLaHJbx1iy3Ls



The video recording of each individual presentation can be viewed on YouTube using the links below.

- Professor Clare Cable, https://www.youtube.com/watch?v=TDJgurXojmc
- Elizabeth Nassuna, https://www.youtube.com/watch?v=yB_AQTy5s3g
- Dr Sahar Konsari, https://www.youtube.com/watch?v=Kr0L7LYnsaY
- Dr Marion Waite & Pavana Pillai, https://www.youtube.com/watch?v=tDETAfrjUd0
- Dr Mengying Zhang, https://www.youtube.com/watch?v=y0cmdxUzARw
- Andreia Trigo, https://www.youtube.com/watch?v=km2GnihY680
- Peter White, https://www.youtube.com/watch?v=QwqBHVhsOOE
- Mafalda Gomes & Tayo Onipede, https://www.youtube.com/watch?v=nrC1hkZVkag
- Zainab Qazi, PowerPoint slides available to download here
- Howard Catton, https://www.youtube.com/watch?v=0rDHOHDg7aM

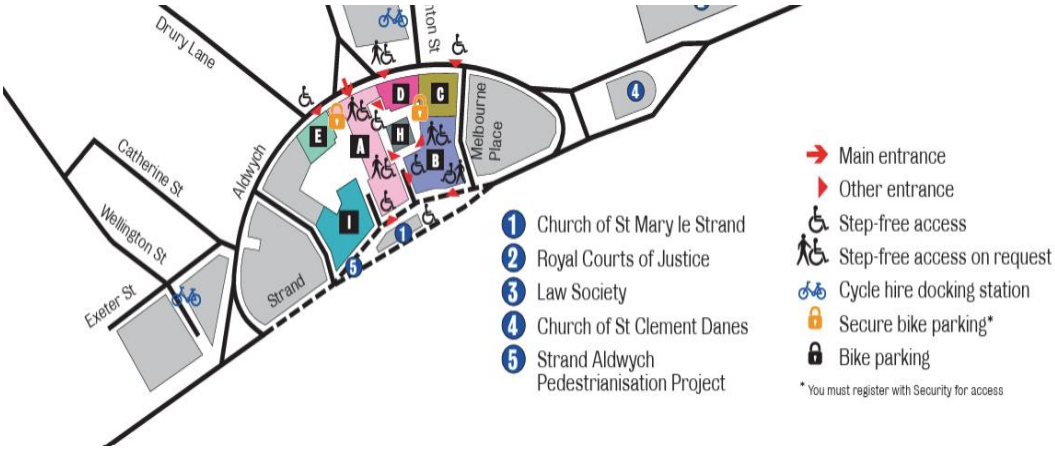
CONFERENCE VENUE

KING'S COLLEGE LONDON – STRAND CAMPUS

The conference will take place at **Bush House** on the **Strand Campus** at King's College London. The venue is Bush House Auditorium which is a purpose-built venue that boasts state of the art lecturing facilities.

The **Auditorium** is in the basement floor (Level 0) of the South Wing of Bush House (pink building on the map below). The easiest way to access the Auditorium is via the south entrance of the building located opposite the Church of St Mary le Strand on the Strand, London (WC2B 4QN). This entrance is **wheelchair accessible** and located on Level 0, so you do not need to take the stairs or lifts to the venue.

Once inside, the Arcade Café will be on your right and conference registration desk will be in this area. There are security staff at this entrance covering the electronic turnstiles which require university ID card to pass through. Please **pick up your conference badge** from the registration desk at this entrance and you will be directed through security and the electronic turnstiles to the central stairwell. From the central stairwell, the entrance to the Auditorium is directly ahead.



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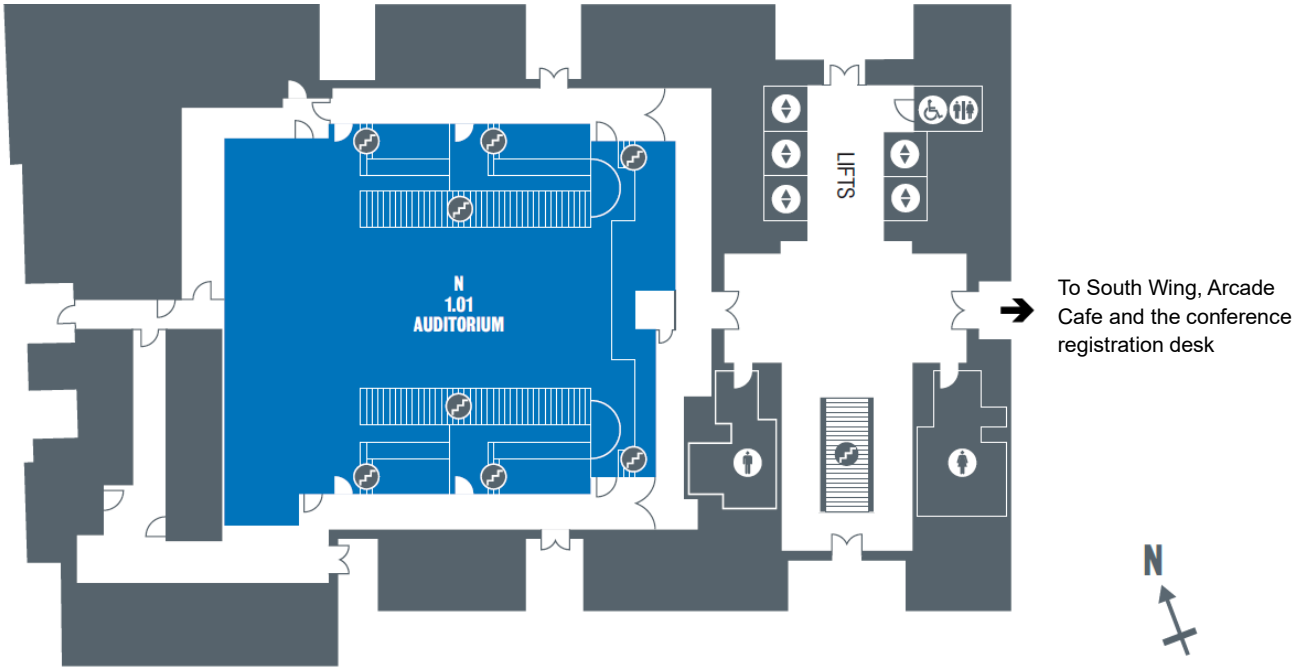
CONFERENCE VENUE

If you use the north entrance to the North Wing of Bush House located at 30 Aldwych Rd, London (WC2B 4BG) then please **check in at reception** when you arrive so security staff can direct you to the south entrance as you cannot access the venue this way. This entrance to the north wing is wheelchair accessible but only via an assisted ramp – please call 0207 848 8787 and the staff will put the ramp in place.

Please navigate along Aldwych Rd and down Melbourne Place onto the Strand to access the south entrance to Bush House. Then check in at the conference registration desk located near the Arcade Café to pick up your conference registration badge.

FLOORPLAN OF BUSH HOUSE AUDITORIUM



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CONFERENCE VENUE

DINING

Tea, coffee and snacks will be available on arrival between 9.00 and 10.00 in the **Arcade Cafe (Level 0)** of Bush House outside Bush House Auditorium.

Lunch will be served in the **Arcade Cafe (Level 0)** between 12.30 and 13.30.

TOILETS

The nearest men and women's toilets are located at either side of the main stairway directly outside Bush Hall Auditorium including a disabled toilet located in the corner beside the lifts before the exit door to the east courtyard.

WIFI

There is guest Wi-Fi available on King's Strand Campus which should be listed as 'King's Guest Wi-Fi' in the networks available on your electronic device. Your name and email is required to register to use this Wi-Fi network.

An Eduroam service is also available on campus if you work at another university and your university email and password should enable you to connect to this Wi-Fi network.

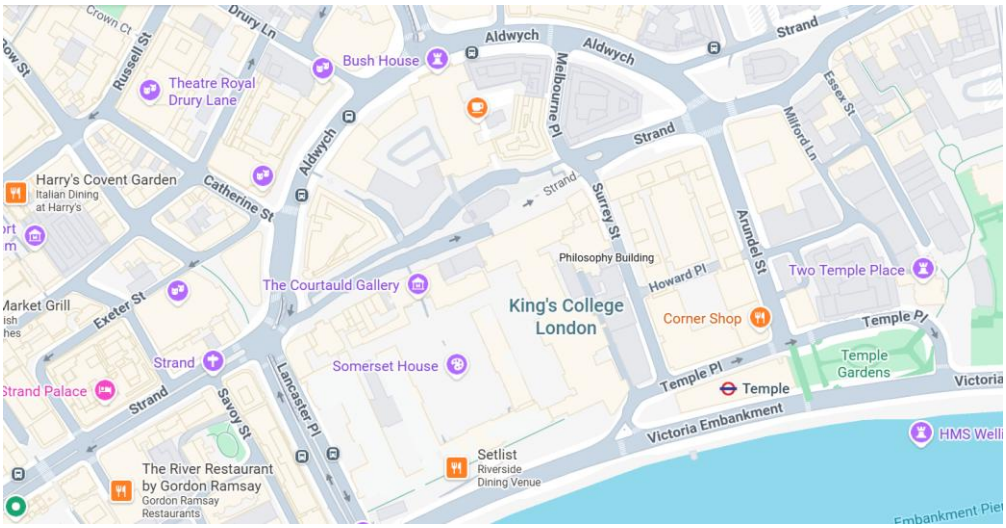
GETTING TO/FROM THE CONFERENCE VENUE

Subway

The nearest subway station to Bush House is Temple on the District (Green) line which is a 5-minute walk from the conference location.

Other subway stations that are nearby include Covent Garden (Picadilly - blue), Charing Cross (Bakerloo – brown; Northern - black), Holborn (Central - red) and Chancery Lane (Central - red).

CONFERENCE VENUE

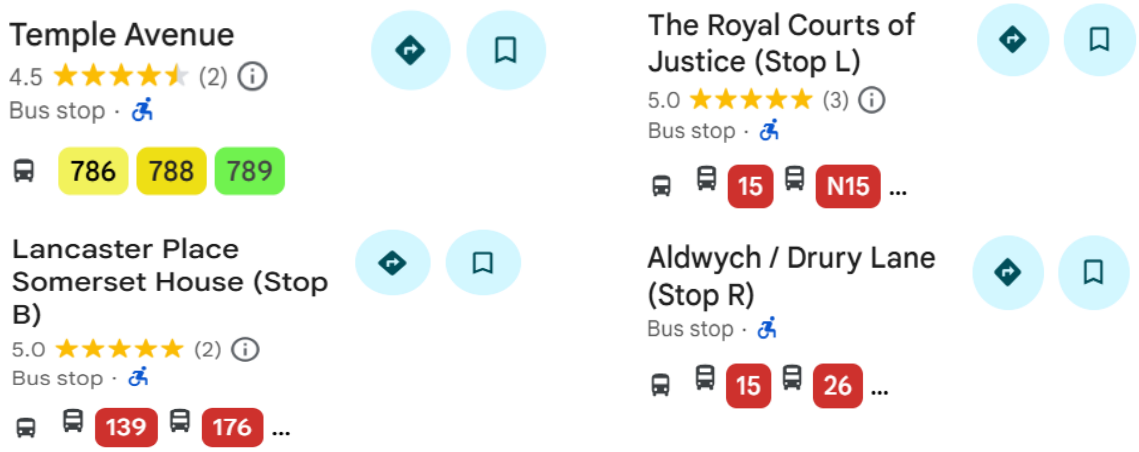


Train

The nearest train stations are Charing Cross (15-minute walk), Blackfriars (15-minute walk), Waterloo (15-minute walk) and Euston (30-minute walk).

Bus

Buses serving the Strand Campus include but are not limited to:



Driving

There are a number of private car parks within walking distance of the Strand Campus in central London. As it is located within Zone 1, the congestion charge for driving in central London will apply. A ULEZ charge may also apply if your car does not meet the emissions standards.

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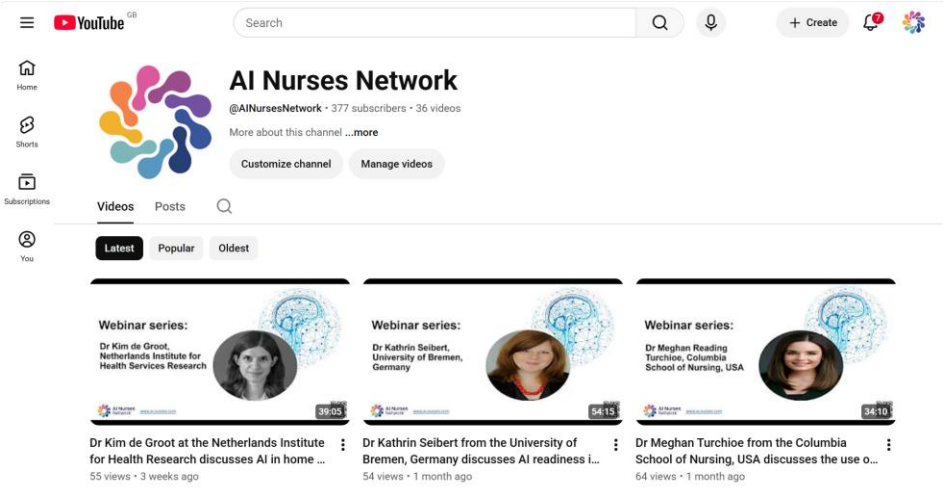
MEDIA AND COMMUNICATIONS

If you would like to promote the AI Nurses Network Conference 2026, please use the following hashtags on social media: #AInurses and #ANNConf2026

We also have a large fabric backdrop at the conference where you can take selfies and other fun photographs. Please make use of it during the day and do not forget to ask permission to share photos or videos on online and add our hashtags when you post!

All conference sessions will be recorded and available on our YouTube channel after the event: https://www.youtube.com/channel/UCavb447TmIdCICmik0nC9yQ



AI Nurses Network

CONFERENCE COMMITTEE

CONFERENCE COMMITTEE

The conference programme committee comprises of a team of dedicated nurses and AI specialists who are weaving nursing practice, education and research into a coherent and inspiring agenda. In close collaboration with the AI Nurses Network members, international advisory board and country directors, the committee carefully selected topics, shaped sessions, and ensured a balanced mix of perspectives. We aim to deliver a conference programme that is dynamic, relevant, and firmly rooted in the realities of nursing and healthcare today.

The conference committee comprises of Dr Siobhán O'Connor, Dr Mengying Zhang, Dr Xiaoyang Li, Dr Crina Grosan, and Dr Nathan Blake from King's College London.

ACKNOWLEDGEMENTS

We gratefully acknowledge funding from the Burdett Trust for Nursing, the NIHR Academy, King's College London, and AI for Global Health CIC in support of this conference.

INTERNATIONAL ADVISORY BOARD

Our international advisory board of the AI Nurses Network provided additional perspectives in the planning of this conference which we gratefully acknowledge. Our board members are:

- Professor Roger Watson, Honorary Professor at the University of Hull and Dean of the School of Nursing, Southwest Medical University, China
- Professor Jennie C. De Gagne, Clinical Professor and Director of the Nursing Education Specialty, Duke University, USA
- Professor Emma Stanmore, The University of Manchester, United Kingdom
- Julia Gudgeon and Sue Clarke, Clinical Leads, NHS England
- Dr Mavis Machirori, Ada Lovelace Institute, United Kingdom
- Professor Jo Armes, University of Surrey, United Kingdom

FEEDBACK AND CONTACT US

COUNTRY DIRECTORS

The AI Nurses Network has global reach with country directors in many regions of the world. They have also provided nursing and AI expertise in organising the conference programme which we gratefully acknowledge.

Asia

- Dr Lu-Yen Anny Chen, National Yang Ming Chiao Tung University, Taiwan
- Dr Vivian Hui, Hong Kong Polytechnic University, Hong Kong
- Professor Janet Delgado, Yamaguchi University, Japan

Europe

- Dr Lucija Gosak, University of Maribor, Slovenia
- Dr Lene Baggøe Laukvik and Professor Mariann Fossum, University of Agder, Norway
- Dr Kathrin Seibert, University of Bremen, Germany
- Patrick Browne and Caríosa Murray, Health Service Executive, Ireland

North America

- Dr Hwayoung Cho, University of Florida, USA
- Dr Charlene Chu, University of Toronto, Canada
- Dr Charlene Ronquillo, University of British Columbia, Canada

FEEDBACK

If you would like to leave feedback about your experiences of the conference, please complete the short online evaluation form here or scan the QR code to access it.

CONTACT US

Address: Florence Nightingale Faculty of Nursing, Midwifery and Palliative Care, King's College London, James Clerk Maxwell Building, 57 Waterloo Rd, London, SE1 8WA, United Kingdom

Email: ainurses@kcl.ac.uk
Website: www.ai-nurses.com/
LinkedIn:
YouTube:

AI Nurses Network

The **AI Nurses Network** is a global network that supports nurses to develop and introduce artificial intelligence (AI) techniques, models and tools in healthcare. It provides free education and training, seed funding and scholarships, along with news and events to support nurses to pioneer A in clinical practice, education and research to improve patient care and population health.

www.ai-nurses.com/