

HEE SE Healthcare Simulation Conference

# Optimise Simulation



## Conference Brochure 2023



Wednesday 24 May 2023

08.30 – 17.00

Verena Holmes Building  
Canterbury Christ Church University  
North Holmes Road, Canterbury  
Kent CT1 1QR

## CONTACT DETAILS

Conference Project Manager

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Conference Organisers

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Kate Brown

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Venue

Faculty of Medicine, Health & Social Care  
Verena Holmes Building  
Canterbury Christ Church University  
North Holmes Road  
Canterbury, Kent  
CT1 1QR



Follow us on Twitter to stay up to date with conference news



@EastSim

#optimisesimulation

## Project Mission

We are a **Multi-Professional, Service-User Focused Network**, agile, collaborative, and aspirational, working – with both staff and those prepared to share their lived experience – to coordinate, develop, monitor & improve, healthcare simulation & human factors interventions in education, research, and improvement to the evaluated benefit of the community.

Our aim is proactive building of capability, helping ensure everyone is aware of and optimising accessing their local resources as well as linking with regional & national resources, recognising that expertise, resources, access, and innovation are widespread but uneven. We intend to provide faculty expertise and pump-priming for a limited set of equipment and deliver a programme of faculty development both to raise awareness and address equity, and to demonstrate the value of simulation and the project and network.

## Conference Aim

The aim of the conference is to provide a platform for simulationists in the region and beyond to:



Gather together



Learn from & with  
expert keynote  
speakers



Learn from & with  
each other



Be informed  
with updates  
from commercial  
providers



Network,  
and find new  
collaborations.

## Conference Objectives

Building on the successful 2022 “Simulation for Impact” Conference, this HEE SE Regional Conference to “Optimise Simulation” offers opportunities to present and share your simulation activity with e-Posters, short oral presentations and workshops all hosted in the splendid new Verena Holmes building including the extensive, well-equipped, simulation suite.

Inspiring and challenging Keynote speakers of international renown are interspersed with sessions for you to present and discuss your work with a collaborative and supportive audience, and chances to visit the industry exhibition with all the leading suppliers.

This year we offer a pre-conference evening, with an informal but informative and engaging masterclass and a wonderful dinner in an enviable location on the top floor of Verena Holmes overlooking Canterbury.

Attending this conference will give you ample opportunities to learn with expert keynote speakers; share and learn with each other; be informed with updates from commercial providers; network, and find new collaborations. With, no doubt, some joy along the way!

## Evening Social Event and Masterclass – 23rd MAY

Come and join us in the incredible Verena Holmes building to experience gorgeous views of Canterbury Cathedral before taking part in an exciting Simulation Escape Room followed by a 3 course meal with wine and soft drink options. Tickets can be booked here along with conference only tickets:

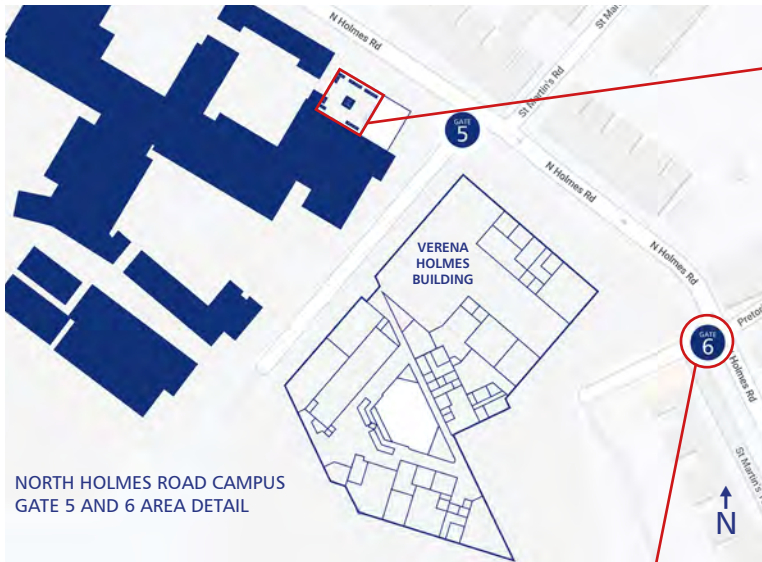
<https://blogs.canterbury.ac.uk/simnet/optimize-simulation-conference-may-24th-2023/>

## PROGRAMME

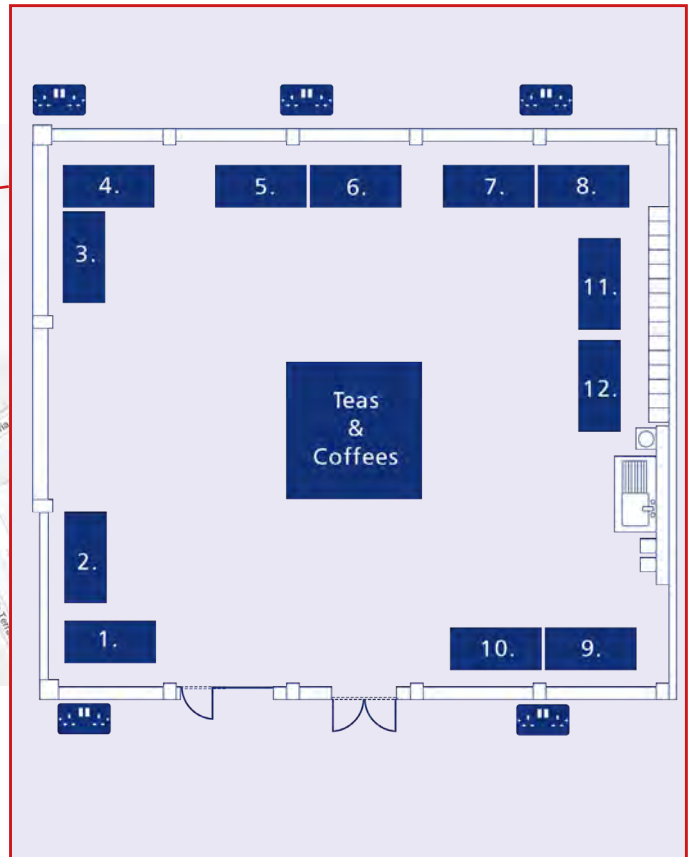
TIME	Activity	Location
08:00	<b>Verena Holmes &amp; Exhibition Hall ANSELM Building Open –</b> Exhibition Hall for exhibitors set up	Verena Holmes Foyer and Exhibition Hall Ag54
08:30	<b>Registration, Coffee &amp; Exhibition Hall</b> Registration for Conference, Tours, and Sessions	Verena Holmes Foyer and Exhibition Hall Ag54
08:45	<b>Tour 1 (25mins)</b>	Verena Holmes Foyer
09:30	<b>Welcome</b> Chair: <b>Rosie Courtney</b> for NHS E SE On Behalf of KSS: <b>Prof Jo Szram</b> On Behalf of CCCU & FMH&SW: <b>Dr Maria Birch</b> (Head of etc) On Behalf of the Simulation Suite & Team: <b>Kate Brown</b>	Michael Wright Lecture Theatre
10:00	<b>KEYNOTE ONE: Prof Tim Draycott:</b> Simulation: Securing Funding with Evidence and Policy	Michael Wright Lecture Theatre
10:45	<b>Refreshments in Exhibition Hall</b>	Ag54
	<b>Tour 2 (25mins)</b>	Verena Holmes Foyer
	<b>HEE SE MPF (Dr. Jackie Knight, Rosie Courtney and MPF's)</b> <b>short oral presentations session one</b> The Simulation Multi-Professional Fellowship Programme, 2020 has become an established funded regional approach to shared learning for medical and healthcare professionals. Participants will hear about new practice developments from primary care emergencies, simulation for pharmacy, digital learning for NHS overseas medical staff induction, and much more.	Michael Wright Lecture Theatre
	<b>Workshop ONE</b> <b>Simulation Based Education (Eileen Dudley)</b> a critical enabler in the pathway to improvement for preterm birth Preterm birth is a leading factor in childhood morbidity and mortality. It often creates a complex situation that brings together maternity teams, neonatal teams, ambulance services and parents, and yet there are no recognised programmes of education to improve the quality and safety of care provided, despite a call for multi-professional education from national reports.	Simulation Suite VH2.22
11:15	<b>Workshops TWO ( 90 mins total) (2 x 45 Mins)</b> <b>Dr Freddie STOURTON Dr Johann WILLERS Mr Gianluca COLLUCI.</b>  By providing teaching sessions using simulation models made of ADAMgel (Aqueous Dietary Fibre Antifreeze Mix gel) or tofu, aiming to increase ultrasound abilities across regional hospitals; we have shown an improvement in confidence levels. We have also demonstrated this in low-cost, high-fidelity models for the teaching of clamshell thoracotomy to emergency medicine and surgical trainees. Learn how it is done..  <b>Co-Production with Experts By Experience for Mental Health: Isobel Clarke, Mark Hughes and Lauren Philpott</b> Working in co-production with service-users and carers is necessary to optimally improving health and care outcomes, ensuring services are person-centred and relevant, reflecting the needs of the people who use them. In this workshop, faculty share their experience of working in co-production in mental health simulation-based education. Participants are invited to explore simulation as a platform for co-production.	Seminar Room VH2.33

	e-Posters on display all day	Simulation Suite VH2.17
	Lunch and Exhibition Hall	Ag54
12:45	Tour 3 (25mins)	Verena Holmes Foyer
13:15	Tour 4 (25mins)	Verena Holmes Foyer
13.45	KEYNOTE TWO: Prof Kenny Kanegaonkar	Michael Wright Lecture Theatre
	<p><b>Short Oral Presentations Session Two:</b></p> <ol style="list-style-type: none"> <li>1. A comparative trainee perception between Advanced Symbionix LAP mentor and I-surgicals low fidelity: Arya Nair Kovilveettil, CCCU Mch student</li> <li>2. Strengthening Practice Around Early Neglect (SPAEN): Merry Patel, NHS E TV Fellow in Simulation &amp; Project Coordinator</li> <li>3. Simulation to scope: Non-Technical Skills in cardiac arrest; Pit Stop approach &amp; TEAM tool for skills assessment: Hayley Stockford, Senior Resuscitation Officer</li> <li>4. The Advanced Procedural Skills Centre: James Barber, Senior Specialist Simulation Technician</li> </ol>	Michael Wright Lecture Theatre
14:30	<p><b>Workshop THREE Prof Jag Dhanda and Jonathan Fenn</b>  <b>'The Scientific Evaluation of XR and its Use in the Democratisation of Knowledge in Global Health'</b>  Virtual Reality in Medicine and Surgery (VRiMS) is an academic working group devoted to creating technology based solutions in surgical and medical training and education.  The team based at Brighton and Sussex Medical School (BSMS) has secured funding from Health Education England to develop approaches utilising Extended Reality (XR).</p>	Simulation Suite VH2.59
	<p><b>Workshops FOUR ( 60 mins total)</b>  The Introduction of Simulation Based Education in a Hospice Setting  <b>Christine Goodban and John Lansdell</b>  Optimised Scenario Authoring with iRIS  <b>Alex Clark and Ann Sunderland</b></p>	Seminar Room VH2.33
	e-Posters on display all day	Simulation Suite VH2.17
15:30	Refreshments in Exhibition Hall	Ag54
	Tour 5 (25mins)	Verena Holmes Foyer
16:00	KEYNOTE THREE: Prof Jag Dhanda	Michael Wright Lecture Theatre
16:45	Prizes and Thanks	Michael Wright Lecture Theatre
17:00	End	

## FLOORPLANS



ENTRY/EXIT FOR EXHIBITORS



ROOM  
AG54

Go here for an interactive map of Verena Holmes -  
Rooms we are using are on floor 0 and floor 2.

<https://www.canterbury.ac.uk/campusmaps/2ea30af3d92c45ee851a1e01/route/destination/2a70f19ece4f-464788c3ad8f>

Follow us on Twitter to stay up to date with conference news



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## Professor Tim Draycott



Tim is an Improvement Science Fellow and Obstetrics and Gynaecology Consultant at North Bristol NHS Trust.

He has a research interest in patient safety, quality improvement and multi-professional obstetric training. He led development of the PROMPT (PRactical Obstetric Multi-Professional Training) course which has been associated with improved knowledge, communication, team-working and direct improvements in perinatal outcome. He led the Research into Safety & Quality (RiSQ) Group at his trust which developed an automated maternity dashboard and a simple tool to measure maternal satisfaction after delivery.

The PROMPT approach is used in 85% of UK maternity units and is being adopted globally by countries including Australia, New Zealand, Hong Kong, China, the USA, Egypt, Mongolia, and Singapore.

## Professor Jagtar Dhanda



Prof Jag Dhanda is a Consultant Maxillofacial/Head and Neck Reconstructive Surgeon at Queen Victoria Hospital, East Grinstead and Brighton and Sussex Medical School. He has an academic interest in extended reality with projects in virtual reality, augmented reality, and the metaverse. The Virtual Reality in Medicine and Surgery (VRiMS) project is scientifically evaluating XR using quantitative and qualitative techniques such as eye tracking, physiological sensors, and motion capture. The group is convinced that this technology can be utilised to optimise simulation and is developing XR techniques to fundamentally change training in the NHS. They are developing XR for mandatory training projects such as basic life support, advanced trauma and life support and fire safety training. VRiMS has successfully delivered six one-week courses with over 6000 participants from 101 countries using live streaming with 360 video cameras and virtual studio overlay and the group aims to demonstrate how this technology can be used in global health.

# Professor Rahul “Kenny” Kanegaonkar



Kenny studied at University College London, he was awarded both the Maurice Elton prize in Oncology and the FMR Walshe prize in Neurology. He is a Consultant Ear, Nose and Throat Surgeon at the Princess Royal University Hospital (King's College Hospital NHS Trust) where he treats both adult and paediatric patients with general Ear, Nose and Throat conditions, and the Royal London Hospital in Whitechapel where he leads the Specialist Balance Team.

He has a keen interest in ear disease and specialist interest in Balance Disorders including benign paroxysmal positional vertigo (BPPV) and vestibular migraine. His recent publication in the Royal College of Surgeons of England suggests a possible cure for Meniere's Disease.

Kenny is a Professor in 2 disciplines: Otorhinolaryngology and Medical Innovation, and has written several books, book chapters, and published over 40 papers earning an international profile. He is an examiner for both the European Board Examination in Otorhinolaryngology and the Royal College of Surgeons of England.

## Welcome

**Chair: Rosie Courtney for NHS E SE**

**On Behalf of KSS: Prof Jo Szram**

**On Behalf of CCCU & FMH&SW: Dr Maria Birch**

**On Behalf of the Simulation Suite & Team: Kate Brown**





### HEE SE MPF – Short Oral Presentations Session 1

11.15 – 12.45pm Michael Wright Lecture Theatre

The Simulation Multi-Professional Fellowship Programme, 2020 has become an established funded regional approach to shared learning for medical and healthcare professionals. Participants will hear about new practice developments from primary care emergencies, simulation for pharmacy, digital learning for NHS overseas medical staff induction, and much more.

Please join us.

Fellows will share their lived experience on undertaking complex change initiatives, that have had a profound impact on them and the organisations they work for.

#### WORKSHOP 1

### Simulation Based Education; a critical enabler in the pathway to improvement for preterm birth

11.15 – 12.45 Simulation Suite

Preterm birth is a leading factor in childhood morbidity and mortality. It often creates a complex situation that brings together maternity teams, neonatal teams, ambulance services and parents, and yet there are no recognised programmes of education to improve the quality and safety of care provided, despite a call for multi-professional education from national reports.

#### WORKSHOP 2

### ADAMgel and Co-Production

11.15- 12.45 SEMINAR ROOM

#### ADAMgel

Repeated attempts at peripheral intravenous access (PIV) can cause discomfort and treatment delays for patients. We have demonstrated a desire from doctors and medical students to increase confidence with ultrasound for PIV access. By providing teaching sessions using simulation models made of ADAMgel (Aqueous Dietary Fibre Antifreeze Mix gel) or tofu, we have shown an improvement in confidence levels. This is the beginning of a scheme aiming to increase ultrasound abilities across regional hospitals.

#### CO-Production

TBC

### SHORT ORAL PRESENTATION SESSION 2

14.30 – 15.30 Michael Wright Lecture Theatre Including:

#### “LAP”

Simulation learning has been suggested to better aid laparoscopic surgeons master a unique set of psychomotor and visuospatial skills that are transferrable to the operation room without jeopardizing patient safety. It analyses competence levels, tracks a candidate's learning curve and reduces margins of error. This study aims to identify trainee perception and laparoscopic training preferences between Symbionix Lap Mentor and isurgicals. Ours is one of the few studies that compares both these devices.

#### Pit Stop Short Oral

A small scale project using simulation to explore the novel use of the Pit Stop approach to support the learning and development of non technical skills in the event of a cardiac arrest where the frequency of this event is rare in the acute mental health inpatient environment. The TEAM tool competency based framework for non technical skills and debrief will be used as qualitative data for comparison.

#### APSC

TBC

## WORKSHOP 3

### VRimS

14.30-15.30 Simulation Suite

#### VRimS Workshop

Virtual Reality in Medicine and Surgery (VRiMS) is an academic working group devoted to creating technology based solutions in surgical and medical training and education.

The team based at Brighton and Sussex Medical School (BSMS) has secured funding from Health Education England to develop approaches utilising Extended Reality (XR).

## WORKSHOP 4

### Simulation Based Education in a Hospice Setting AND Scenario Authoring with iRIS

14.30 -15.30 Seminar Room

#### The Introduction of Simulation Based Education in a Hospice Setting

This workshop will explore the specific psychological and practical considerations that are relevant to introduction of Simulation Based Education into a Hospice Setting. This will consider environmental factors and principles of pre-briefing, orientation, the simulation itself and de-briefing. Discussion of the role of SBE in end of life and palliative care education, will explore next steps for the direction of this innovative work.

#### IRIS Optimised Scenario Authoring with iRIS

15.00 – 15.30 Seminar Room

Giving examples from experience the workshop will explore the potential and process of quality-assured scenario design using the iRIS Scenario Authoring Platform

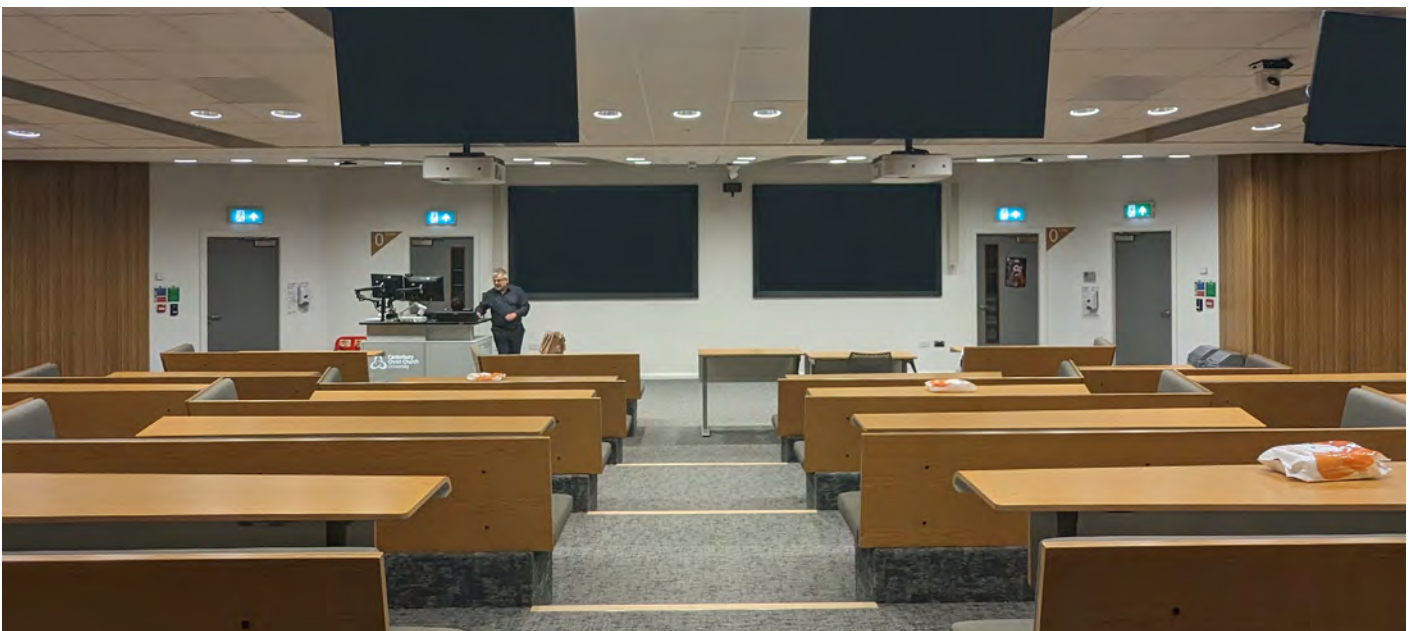
See the iRIS in action, and how:

- easy it is to get going
- it makes it easy to create high quality Scenarios in line with the Standards of Best Practice
- it saves time by re-use or duplication and modification of existing or community Scenarios

Hear a Simulation Expert & iRIS Client's first hand experience of using it, and where and how they benefitted.

Go here for an interactive map of Verena Holmes -  
Rooms we are using are on floor 0 and floor 2.


<https://www.canterbury.ac.uk/campusmaps/2ea30af3d92c45ee851a1e01/route/destination/2a-70f19ece4f464788c3ad8f>




## ADAM, ROUILLY

Based in Kent, Adam,Rouilly is a manufacturer and supplier of Clinical Skills Simulators, Anatomical Models, and Anatomical Charts. For over 105 years, healthcare professionals and students worldwide have used our teaching aids to learn and practice through simulation-based training, which offers an enhanced learning experience. Our range encompasses many learning objectives, from understanding detailed anatomy, Injection, Venepuncture, Cannulation, Nasogastric Feeding and Catheterisation, through to diagnostic training using our Digital Eye, Ear, and new GlucoHand Simulators. Adam,Rouilly prides itself in ensuring that its customers have the information and support to purchase the right products for their training needs.

**Adam,Rouilly**

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 [www.adam-rouilly.co.uk](http://www.adam-rouilly.co.uk)

 [kate.Tilyard@adam-rouilly.co.uk](mailto:kate.Tilyard@adam-rouilly.co.uk)

## CAE

CAE is a leading high-tech company that has been setting new standards in education and training in the fields of civil aviation, defence, and security as well as healthcare for more than 70 years with around 13,000 employees worldwide today. CAE Healthcare is one of the three core businesses of CAE and delivers educational tools that help healthcare professionals provide safe, high quality patient care. Our end-to-end spectrum of simulation solutions includes patient, interventional and imaging simulation, audio-visual solutions and learning applications. With a broad array of products, we are able to offer targeted training to hospitals, medical schools, emergency response teams, military branches and nursing, respiratory, and allied health programs. Each CAE Healthcare product is developed in collaboration with clinicians and clinical educators whose aim is to ensure physiological accuracy and educational relevance. Visit our website to learn about our advanced patient, imaging and interventional simulators, evidence-based curriculum and CAE LearningSpace for simulation centre management and debrief.

**CAE**

 [www.caehealthcare.com/](http://www.caehealthcare.com/)

## Gaumard Scientific



At Gaumard, our mission is to empower healthcare providers with innovative training solutions to accelerate progress toward safer patient care and improved patient outcomes for everyone. We focus on developing state-of-the-art patient simulators, task trainers, learning modules, and mixed reality solutions designed to facilitate safe and effective training opportunities for healthcare students and professionals across nearly all clinical specialties. With over 75 years of healthcare simulation experience, Gaumard continues to deliver on its commitment to providing our clients with innovative solutions, world-class service, and exceptional value.

 [www.gaumard.com](http://www.gaumard.com)

## iRIS



iRIS is a web-based Scenario creation solution that:

- Makes Scenario-creation easy via step-through Wizards
- Increases Scenario Quality - Educators easily apply Standards of Best Practice from INACSL, ASPIH, ASPE, PEARLS Debriefing Tool, etc.
- Enables equity of access, and saves time via a Community Library of Scenarios
- Makes Set-up and Run quicker and easier via online Set-up Briefings and System file Exports to multiple Simulation technologies.
- Enables inter-professional Scenarios - Educators and Faculty can easily work together on Scenarios
- Supports Scenario delivery in any modality - Full-body Manikins, Standardized Patients, and Task Trainers

 [www.irissimulationauthoring.com](http://www.irissimulationauthoring.com)

## Laerdal Medical



Laerdal Medical supports healthcare education and resuscitation training through our range of products, services and programmes. We can provide the complete simulation solution: Practice and develop decision-making skills while improving communication and teamwork.

 [www.laerdal.com](http://www.laerdal.com)

## Limbs & Things



Collaborating with clinicians and healthcare professionals, Limbs & Things designs and manufactures innovative simulation trainers to enable competent and confident learning, which in turn improves patient outcomes and reduces medical error.

 [www.limbsandthings.com](http://www.limbsandthings.com)

# MSE Medical UK Limited



Our work is centred around the provision of high-quality healthcare education through simulation and fast, accurate, diagnostic solutions in support of healthcare providers who strive to deliver the very best in patient-care and treatment.

It is our great privilege to represent and work closely with world-leading clinical research centres and manufacturers, who are pioneering cutting edge technologies for product solutions that will impact these shared goals.

 <https://mse-group.co/>

## Scotia UK plc



Scotia UK plc is well known for the smots™ video and audio capture systems supplied across the best of hospitals and universities in the UK and much further afield too. We'd love to show you the latest 4K cameras, Mobile Trolley, bodyworn high definition H265 cameras, and the smots™ Control Center software that makes it all work. We'll also have Session Manager Scheduler software which with its timetabling capabilities makes OSCEs and self-service check-ins simple and secure. Don't forget our AEDonor scheme too! Come and say hello in the Verena Holmes building - #smotsenabled, everywhere! Oh, and we're celebrating 60 years trading this year, 1963 -2023!

 [www.scotiauk.com](http://www.scotiauk.com) | [www.smots.org](http://www.smots.org)

## Internet Access

Please use the information on this site:

<https://cccu.canterbury.ac.uk/information-technology/working-on-campus/university-wifi/connect-to-wifi-guest.aspx>

## HOW TO CONNECT TO FREE GUEST WIFI

'WiFi Guest' is a free service for guests and visitors which is available across all campuses.

How to connect:

Select 'wifi-guest' from the list of wireless networks presented on your device.

You will be prompted to complete a form.

Complete for with your reason for visit, name, and email address

Accept terms of use.

You will receive an activation email

Approve activation email

You will now be connected to the guest wi-fi service.

## Parking

As we are a city centre campus in a historic city, we have extremely limited parking and encourage green transport where possible. Canterbury has excellent public transport networks. The bus station is a short walk away and we have 2 rail stations; Canterbury East and Canterbury West.

If you are planning to drive to the conference we recommend the following:

### Canterbury Park and Ride

Park and Ride offers the best value when driving to Canterbury, compared to inner city parking. Parking and return coach for up to 6 passengers into the city is just £4.00 per vehicle.

Canterbury City Council operates a Park & Ride Scheme at the Wincheap and New Dover Road Park & Ride car parks.

<https://www.canterbury.gov.uk/parking-and-roads/park-and-ride>

For details of car parks around the city please go here and filter by location:

<https://old.canterbury.gov.uk/parking-and-roads/find-car-park/>

The closest hotels to the CCCU campus are:

[https://www.premierinn.com/gb/en/hotels/england/kent/canterbury/canterbury-city-centre.html?cid=GL-BC\\_CANDOV](https://www.premierinn.com/gb/en/hotels/england/kent/canterbury/canterbury-city-centre.html?cid=GL-BC_CANDOV)

<https://www.travelodge.co.uk/hotels/499/Canterbury-Chaucer-Central-hotel>

<https://www.thesunhotelcanterbury.co.uk/>

[https://www.hilton.com/en/hotels/rcshxhx-hampton-canterbury/?SEO\\_id=GMB-EMEA-HX-RCSHXHX](https://www.hilton.com/en/hotels/rcshxhx-hampton-canterbury/?SEO_id=GMB-EMEA-HX-RCSHXHX)

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<https://blogs.canterbury.ac.uk/simnet/>

Are you enjoying the conference? Tag us at [#optimisesimulation](https://twitter.com/optimisesimulation)

## CERTIFICATE AND EVALUATION

In order to receive your attendance certificate, please use the QR code on the right to complete your evaluation and email Sarah at [ksssim@canterbury.ac.uk](mailto:ksssim@canterbury.ac.uk) when it has been completed for certificate issue.

## AWARDED 5 CPD POINTS

**RCOA**  
Royal College of Anaesthetists