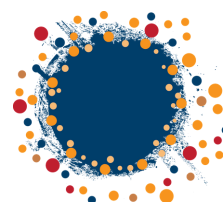




# ARTIFICIAL INTELLIGENCE IN HEALTHCARE SYMPOSIUM 2019

SATURDAY 21 SEPTEMBER 2019  
SOUTHERN CROSS UNIVERSITY GOLD COAST CAMPUS



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# ARTIFICIAL INTELLIGENCE IN HEALTHCARE SYMPOSIUM 2019

The Centre for Healthcare Knowledge and Innovation invites computer engineers, data scientists, doctors, nurses, students, educators, public health officials, industry and government and any persons interested in the field of artificial intelligence to register for *Artificial Intelligence in Healthcare 2019*.

Now in its second year, this symposium will explore the need for ethical and responsible AI and the importance of humanising machine intelligence.

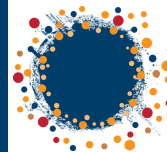
Participants will:

- Meet a range of AI disrupters and enablers and gain valuable insight into their work
- Identify where AI is most disruptive and where it can make the most impact
- Explore current uses of AI as well as its possibilities
- Consider ethical and responsible AI when deploying systems for clinical purposes
- Separate the hype from what's really happening in the field



REGISTER NOW:

[www.aiinhealthcare2019.eventbrite.com.au](http://www.aiinhealthcare2019.eventbrite.com.au)



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## SYMPOSIUM PRICES

**NORTH COAST WORKFORCE  
(Port Macquarie to Tweed Heads) \***

**\$65pp**

**OUTSIDE NORTH COAST**

**\$125pp**

**STUDENT**

**\$50pp**

**NETWORKING ONLY (4pm-6pm)**

**\$25pp**



Southern Cross University

**SATURDAY 21 SEPTEMBER 2019**  
**9:00am - 6:00pm**  
**SOUTHERN CROSS UNIVERSITY**  
**GOLD COAST CAMPUS**  
**BUILDING C**

Here's what attendees had to say about last year's symposium...

*"Loved the diverse range of speakers and audience. I made some great connections and I feel more comfortable about the use of AI in healthcare. Here's to a not-so-scary future!"*

*"Fact from fiction, hype vs reality. It was great to hear what's really happening in Australia and how we can be advocates for tech in clinical decision support."*

*"I wasn't sure about giving up a Saturday but it was well worth it. A very enlightening experience in a state-of-the-art venue. I enjoyed networking with like-minded people and the speakers were A+"*

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# SYMPOSIUM PROGRAM

\*Subject to change

**MORNING**

**Artificial Intelligence in Healthcare Today**

**9:00am - 10:45am**



## ASSOCIATE PROFESSOR SALLY SARGEANT

### Preparing Healthcare Workforce for the Future

When it comes to achieving digital transformation, one of the primary barriers holding back organisations is the lack of suitable skills within their workforce. This opening session explores the need for greater education in AI.



## BRENT RICHARDS

### Transforming Healthcare Delivery in 2019

AI is bringing a paradigm shift to healthcare, powered by increasing availability of healthcare data and rapid progress of analytics technique. Brent Richards looks at where we stand in 2019.



## TAMARA MILLS

### Investment and Market Growth

Tamara Mills is helping healthcare businesses reach their full potential. Here she looks at the present and future development of AI in the healthcare industry.

## DISRUPTOR SHOWCASE



**MIDDAY**

**Round Table Discussions**

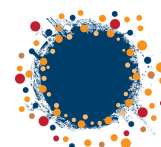
**11:15am - 1:00pm**

## ENABLER SHOWCASE



**ROUND TABLE DISCUSSIONS - ONE DISRUPTOR AND ONE ENABLER**

[www.aiinhealthcare2019.eventbrite.com.au](http://www.aiinhealthcare2019.eventbrite.com.au)



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# SYMPOSIUM PROGRAM

AFTERNOON

What's next?  
1:45pm - 4:00pm



## SUSIE SHELDRICK

### Applying AI in a responsible manner and strategies to mitigate risk

There is often a disconnect between the creators of technology and the masses who eventually, consciously or otherwise, consume it. Here Susie explores the role of responsible AI - a rounded understanding that will inform decision making.



## BEN HANNA

### Humanising artificial intelligence for meeting emotional health needs

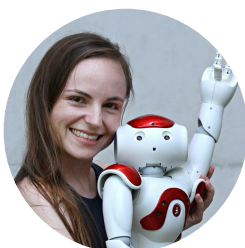
AI is no longer devoid of human emotions. Soul Machines is revolutionising human-machine interactions with its digital health professional that can interpret the emotional expressions of a patient and speak conversational language.



## PROFESSOR NIKOLAI PETROVSKY

### Synthetic chemists and AI vaccine design

Researchers at Flinders University have developed a new vaccine believed to be the first in the world to be designed by AI. Professor Petrovsky discusses why it's easier to implement AI for non-direct clinical applications eg drug design, than for direct clinical applications eg diagnosis.



## DR NICOLE ROBINSON

### Social robots in mental health treatment

Robots that can autonomously communicate with people could be playing a greater role in mental health treatments such as depression, eating disorders, drug and alcohol abuse. Nicole examines 27 global trials in the use of robots in psychological health interventions.



## PROFESSOR BELA STANTIC

### How social media is the Nostradamus of the 21st century

Social media is public, dynamic and has vast volumes of information that can be used to predict everything from election results to public health outcomes. Professor Bela Stantic explains his methods for analysis and what's in the pipeline for healthcare.

[www.aainhealthcare2019.eventbrite.com.au](http://www.aainhealthcare2019.eventbrite.com.au)



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# NETWORKING

*Drinks and Canapes*

4:00PM - 6:00PM

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**Make connections. Ask questions. Share ideas.**



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## ABOUT THE CENTRE

The Centre is a consortium of some of the most progressive service providers on the North Coast. Partners of the Centre recognise the need to support health and social care workforce to push the boundaries and explore new frontiers in health.

The Centre invites you to exchange knowledge and develop joint action to bring about change. Register for *Artificial Intelligence in Healthcare* today and help to break down siloes and create an environment in which knowledge and innovation can thrive.



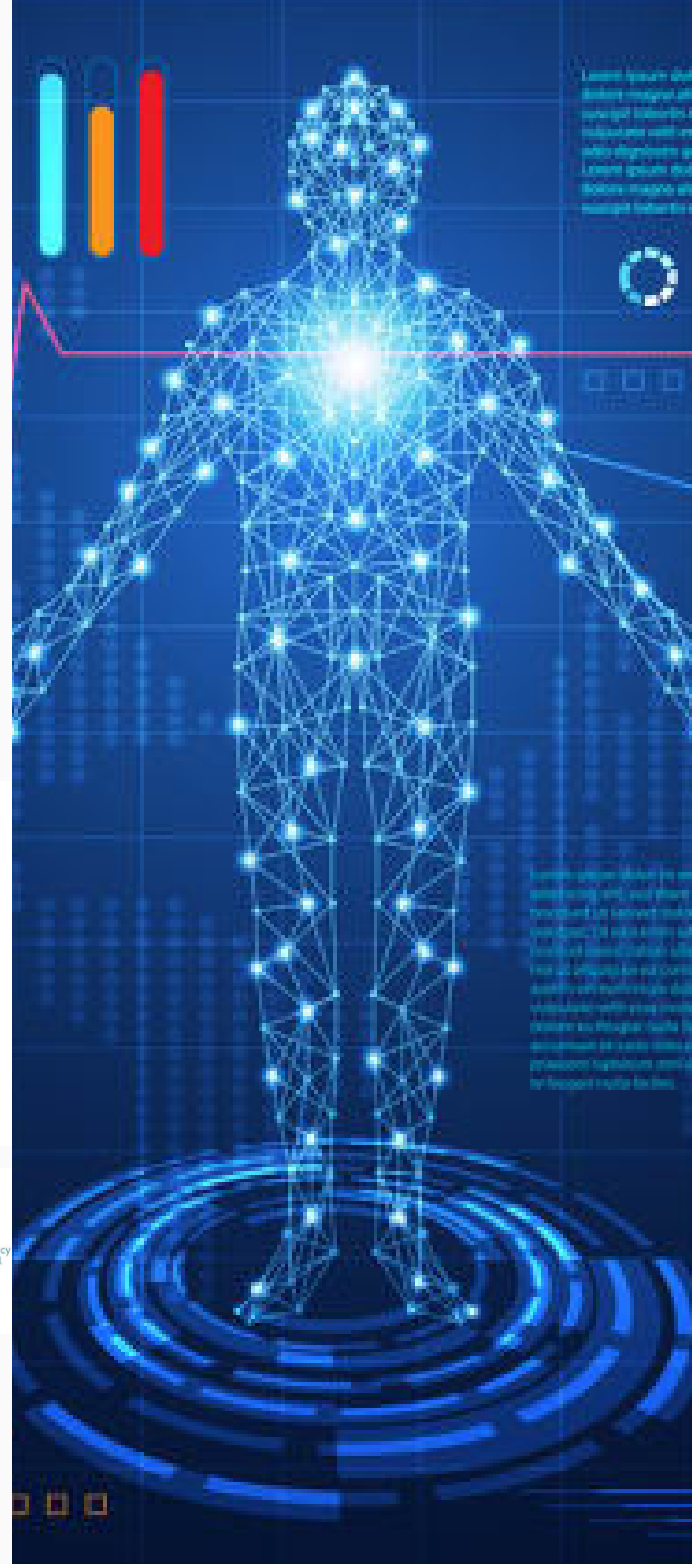
## CONTACT US

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Website [www.thecentrehki.com.au](http://www.thecentrehki.com.au)

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\*North Coast workforce receive a subsidised symposium rate courtesy of Centre partners



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