

ITAC 2018 PRE CONFERENCE TONSLEY INNOVATION PRECINCT SITE VISIT

PROGRAM
OUTLINE

20TH
November
2018

ITAC 2018

Co-DESIGNING OUR DIGITAL FUTURE

www.itaconference.com.au

ITAC 2018 is brought to you
by the Aged Care Industry
Information Technology
Council (ACiITC)

ACiITC
Aged Care Industry
Information Technology Council

The vehicle of Aged and Community Services
Australia and Leading Age Services Australia

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The voice of aged care

9.15am Participants to arrive at Adelaide Convention Centre in preparation for bus transfer to Tonsley Precinct. Alternatively, attendees are able to catch the train to the Precinct Station then make their way to the Tonsley Innovation Precinct. Participants are also able to make their own way to Tonsley Innovation Precinct which is located at 1284-1324 South Rd, Clovelly Park SA 5042.

9.30am Bus transfers depart Adelaide Convention Centre

10.00am-10.15am **MORNING TEA ON ARRIVAL**

10.20am-10.30am **Welcome, Housekeeping and Details of the day**
Anne Livingstone, Community Resourcing

10.30am-10.50am **Introduction to the Tonsley Precinct, Flinders University's Medical Device Research Institute and Medical Device Partnering Program**
Located at Tonsley, Australia's leading innovation precinct is Flinders University's Medical Device Research Institute, a multi-disciplinary Institute with the expertise and capabilities to deliver innovative solutions to the medical and allied health sectors. Home also to the Medical Device Partnering Program, an ideas incubator which fosters collaborations between researchers, end-users and industry to develop medical technologies with global market potential.
Professor Karen Reynolds, Director, Medical Device Research Institute and Medical Device Partnering Program

10.50am-11.15am **Research in the Flinders Digital Health Research Centre**
The Flinders Digital Health Research Centre is a new multidisciplinary research entity with a theme of "Digital Health Enabling Health Smart Living". Projects address a wide range of Health areas where Information & Communication Technology based solutions can be effective, including ageing; preventive health and wellness; clinical applications; and technology innovation.
Professor Anthony Maeder, Professor of Digital Health Systems & Co-Director, Flinders Digital Health Research Centre, Flinders University

Participants to move into their Group Codes and transfer to relevant rooms for the group sessions.
Each group will rotate to each session throughout the day ensuring all attend each session.

11.25am-11.55am	GROUP 1	GROUP 2	GROUP 3	GROUP 4
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12.05pm-12.35pm	GROUP 2	GROUP 3	GROUP 4	GROUP 1
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12.40pm-1.25pm **LUNCH BREAK IN RAINFOREST AREA**

1.30pm-2.00pm	GROUP 3	GROUP 4	GROUP 1	GROUP 2
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2.10pm-2.40pm	GROUP 4	GROUP 1	GROUP 2	GROUP 3
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SESSION A What is the Modern Ageing Sector?

What is the Modern Ageing sector and how businesses can respond to this global demographic phenomenon and the role the Global Centre for Modern Ageing plays in helping to lead a nationwide response.

Julianne Parkinson, Chief Executive Officer, Global Centre for Modern Ageing

SESSION B Medical Device Research Institute and Medical Device Partnering Program Project Lab tour

This is the lab for new medical device creation. There are a range of prototypes on display, including some interactive devices with application in the ageing sector e.g. shopping simulator, OrbIT gaming system and U-Stand Frame.

Visitors can learn about the breadth of research capability in the Institute and how the Medical Device Partnering Program takes ideas from end-users and turns them into prototypes.

Professor Karen Reynolds, Director, Medical Device Research Institute and Medical Device Partnering Program

Rehabilitation and Motion Analysis Laboratory tour

The aim of this lab is to provide a research, clinical and teaching facility for 3-dimensional movement analysis and motion capture. Using a 10 camera Vicon system and 4 AMTI force plates to capture ground reaction force measurements, we can better understand the way the human body moves and the forces that impact it.

David Hobbs, Rehabilitation Engineer, Flinders University

SESSION C Rapid Prototyping

The presentation will take a look at what additive manufacturing technology is, how it is being used and the benefits and impact this technology has had on big industries, innovative start-ups and students to create unique, bespoke parts and prototypes for all types of applications in health, manufacturing, robotics and more.

Raphael Garcia, Operations Assistant, New Venture Institute

Advanced Manufacturing Technologies at Tonsley

The Tonsley Manufacturing Innovation Hub is a catalyst for the growth of advanced manufacturing and adoption of the Industry 4.0 agenda in South Australia. The TMI showcases the latest in modern manufacturing facilities, including collaborative robots, artificial intelligence, mass customisation and Internet 4.0 applications.

Colin Thomas, Manager, Tonsley Manufacturing Innovation Hub, Flinders University

SESSION D New Venture Institute and eNVision Incubator

The New Venture Institute is an institute of Flinders University. Our mission is to reinvent the way the University creates impact. We do this by building the capacities of individuals, businesses, educators and researchers so that they thrive in uncertainty. The New Venture Institute has three core values: Boldness, innovation, and collaboration.

Angela DiFabio, Business Engagement, New Venture Institute

Clevertar Clevertar is an award-winning Australian company that provides intelligent virtual agents for consumer engagement. The company was born out of research showing that autonomous virtual characters influence people similar to a human interaction. Clevertar has developed a range of coaching programs covering a number of chronic conditions such as anxiety, depression, diabetes and heart failure.

Dr Trent Lewis, Lecturer, College of Science and Engineering, Flinders University

2.45pm–3.30pm Co-creating better futures

Can co-creation tackle the big problems of the future? We explore some of the big issues we're facing and show how creation at different scales is key to innovating better futures. You will participate in a practical co-creation exercise that provides the perfect lead in to the conference.

Gareth Priday, Co-Director, Australian Living Labs Innovation Network and Kirsty Rawlings, Head of The Plug-in and Innovation, COTA SA

3.30pm–4.30pm Autonomous vehicle trial – we have arranged for attendees to ride in the autonomous vehicle which is located at the site. So bring your camera or phone for a selfie.

AFTERNOON TEA COFFEE COLD DRINKS AND FRUIT / CHEESE NETWORKING EVENT

4.30pm–4.40pm Close and summary of the day
Rod Young, Chair, ITAC Committee
Anne Livingstone, Community Resourcing
Graeme Wickenden, MiCare

4.50pm Buses return to Convention Centre