

E7.30am	HISA Partner Breakfast INVITE ONLY OPPORTUNITY AVAILABLE	EUREKA ROOM 1
7.30am	Registration opens	NORTHERN CONCOURSE FOYER
8.30am	OPENING PLENARY	GOLDFIELDS THEATRE
	<p>Opening address</p> <p>Dr Kudzai Kanhutu Chair, HIC 2019 @kudzaiKanhutu</p> <p>Dr David Hansen Chair HISA @dhansen35</p> <p>Neville Board Chief Digital Health Officer, Department of Health and Human Services, Victorian Government @nevboard</p> <p>Welcome to country</p> <p>Ministerial address</p> <p>Population Health</p> <p>Dr Ruth Mitchell Neurosurgeon, Royal Melbourne Hospital and 2017 Nobel Peace Prize Winner @drruthmitchell</p> <p>Winter is coming – Change is coming</p> <p>Lucien Engelen CEO Transform health, Global Strategist Digital Health @Centre for the Edge, Deloitte, Faculty Singularity University Exponential Medicine @lucienengelen</p> <p>The force awakens – Driving digital health progress with a dynamic Australian informatics workforce</p> <p>Dr Margaret Kennedy Chief Nursing Informatics Officer and Managing Partner, Gevity Consulting Inc @KennedyMargie</p> <p>Address from HISA and ACHI</p> <p>Dr David Hansen Chair HISA @dhansen35</p> <p>Angela Ryan President, ACHI @bompansero</p>	
10.30am	Morning tea and HIC Innovation Expo	BAY 21-22B
11.00am	CONCURRENT SESSIONS	
	ACADEMIC / SCIENTIFIC Branko Cesnik Award Finalists	GOLDFIELDS THEATRE
NOMINEE	The Twitter adventure of #MyHealthRecord: An analysis of different user groups during the opt-out period Dr Patrick Pang University of Melbourne @docpang	
NOMINEE	Barriers to telehealth uptake in rural, regional, remote Australia: What can be done to expand telehealth access in remote areas? Marianne St Clair Northern Institute @MStClairNT	
NOMINEE	SRA down under: Cache and analysis platform for infectious disease Dr Dominique Gorse Bioinformatics @QFAB_Bioinfo	
NOMINEE	Exploring the health informatics occupational group in the 2018 Australian health information workforce census A/Prof Kerrynt Butler-Henderson University of Tasmania @DrKerryntBH	
NOMINEE	Pain ROADMAP: A Mobile platform to support activity pacing for chronic pain Dr David Ireland Australian e-Health Research Centre @ehealthresearch	
	CLINICAL Don Walker Award Shortlist Presentations	COURTYARD ROOM 1 & 2
NOMINEE	Conversation as therapy (CaTPin): The world's first wearable to detect loneliness Matiu Bush Bolton Clarke @matiebush	
NOMINEE	Clinical benefits of a "Big-Bang" EMR implementation Prof Mike South The Royal Children's Hospital Melbourne @MikeSouthRCH	
NOMINEE	Using technology to improve access to early parenting services. A case study: Child and family health nurse virtual home visits Rebecca Gallagher Karitane @KaritaneNSW	
NOMINEE	An integrated electronic medical taskboard (EMT): A paediatric institution's experience Dr Daryl Cheng The Royal Children's Hospital Melbourne @drdcheng	
NOMINEE	Examining the effectiveness of work-focused Cognitive-Behaviour Therapy (W-CBT) delivered via a telehealth platform and adjunct mobile mental health application Dr Kylie Henderson The Better Health Generation @DrKylieH	
	INDUSTRY Economics and efficiencies when health goes digital	HOSPITALITY SUITE 7
	The two things you must do to reduce surgical wait times and improve operating theatre efficiency: The Ontario experience Gavin Meredith Novari Health @gavinMeredith	
	Delving into the intricacies of clinical costing data to improve patient outcomes Annette Barfett Alfred Health @AlfredHealth	
	Medipass: Revolutionising claims and payments in healthcare Pete Williams Medipass @medipassHQ	
	In-hospital mortality prediction through modelling of patients longitudinal phenotypes Dr Hamed Hassanzadeh Australian e-Health Research Centre, CSIRO @ehealthresearch	
	Creating transparency in allied health: Quoting Pete Williams Medipass @medipassHQ	

11.00am	CONCURRENT SESSIONS	
	INDUSTRY & CLINICAL National and state building blocks for success	HOSPITALITY SUITE 6
	Experience with peer-to-peer EMR training for large intakes of junior medical staff Dr Joanna Lawrence Monash University @DrJoannaL	
	Tough European Union (EU) privacy regulations impact Australia: What to consider as an Australian researcher Jacinta Opie Monash University @MonashUni	
	A digital baby book: Planning for a national, secure record Wendy Carroll eHealth NSW @WendyCarroll888	
	With the clinician in mind: Implementing eMeds across NSW Dr Grant Rogers eHealth NSW @eHealthNSW	
	National portals to build-upon Kate Oliver Australian Commission on Safety & Quality in Health Care @ACSQHC	
	WORKSHOP To care is human: Clinician burnout and the impact on clinicians and care	EUREKA ROOM 1
	Prof Mike South The Royal Children's Hospital Melbourne @MikeSouthRCH	
	WORKSHOP Patient generated health data and wearables: What is the missing link in clinical care?	EUREKA ROOM 2
	Chair: Robab Abdolkhani University of Melbourne Dr Mohan Karunanithi Group Leader – Health Services, Australian e-Health Research Centre, CSIRO @ehealthresearch	
	WORKSHOP Patient experience in a values-based health system	EUREKA ROOM 3
	More information coming soon	
	DHEN WORKSHOP Working with boards on digital health - Part 1	MR112
	More information coming soon	
12:30pm	Lunch and HIC Innovation Expo	BAY 21-22B
12:30pm	Poster presentations in the HIC Innovation Expo	BAY 21-22B
1.00pm	ACHI Colloquium	HOSPITALITY SUITE 6
1.00pm	Certified Health Informatics Australasia (CHIA) Induction Session	COURTYARD ROOM 1 & 2
2.00pm	CONCURRENT SESSIONS	
	ACADEMIC / SCIENTIFIC Branko Cesnik Student Award Finalists	GOLDFIELDS THEATRE
	NOMINEE Assessment of manual dexterity in VR: Towards a fully-automated version of the box and blocks test Dr Jaime A. Garcia University of Technology Sydney @UTSEngage	
	NOMINEE Privacy in Aged Care Monitoring Devices (ACMD): The developers' perspective Sami Alkhatib University of Melbourne	
	NOMINEE Mind the gap: Information sharing between health, mental health and social care services Timothy Kariotis University of Melbourne @TimothyKariotis	
	NOMINEE The impact of information systems use on work tasks and work practices in an emergency department Atlarelang Basetsana Kesiilwe University of Melbourne	
	NOMINEE Do digital health interventions improve mental health literacy or help-seeking among parents of children aged 2-12 years? A scoping review Daniel Peyton Murdoch Children's Research Institute @dig_paediatrics	
	INDUSTRY Don Walker Award Shortlist Presentations	COURTYARD ROOM 1 & 2
	NOMINEE Automated screening of look-alike, sound-alike medicine names for safety Helen Dowling Australian Commission on Safety & Quality in Health Care @ACSQHC	
	NOMINEE Data management, CX solutions and artificial intelligence supporting patient experience and the White House AI challenge on clinical trial matching Alexandra Ehrlich Oracle Health Sciences @OracleHealthSci	
	NOMINEE Electronic medical record interoperability and data democratisation: A strategic approach to addressing changing demands and improving consumer experience Adam Clark Ernst & Young (EY) @EYnews	
	NOMINEE Evaluating the use of UVC light devices in a clinical setting to reduce pathogens on computer workstations Steve Reinecke Proximity Systems @Steve_Reinecke	
	NOMINEE Real-time detection and prevention of hospital acquired complications (HACs) Prof Malcolm Pradhan Alcidion Corporation @malcolmp	

INDUSTRY Pushing boundaries: Latest in digital innovation

HOSPITALITY SUITE 7

Digital innovation: Improving access to healthcare education to optimise patient outcomes

Allan Nash Managing deterioration version 4: Improving functionality through collaboration @NPSMedicineWise

From idea to impact: A unique model to support digital health at the Melbourne Children's Campus

Dr Simone Darling Murdoch Children's Research Institute @MCRI_for_kids

Are we ready for virtual multidisciplinary team care?

Dr Katja Beitat Clinivid By Health Care Innovate @KatjaBeitat

Using mixed reality in healthcare education using the Microsoft HoloLens

Emma Collins Otago Polytechnic @OPAuckland

Managing deterioration version 4: Improving functionality through collaboration

Mary Fein eHealth NSW @eHealthNSW**INDUSTRY & CLINICAL** Measuring outcomes: Are you making an impact?

HOSPITALITY SUITE 6

Electronic criteria led discharge: Evaluation of usage and impact

Dr Victoria Heaton EMR Project Team, The Royal Children's Hospital Melbourne @RCHMelbourne

Precision driven health research project: Turning data into meaningful information

Anna Spyker Orion Health @OrionHealth

Outcomes of community and prison-based hepatitis C treatment using an eHealth model of care

Dr James Haridy University of Melbourne @JamesHaridy

Accelerating clinical trial patient recruitment using AI

Robert Geschke Deep 6 AI @BobG2823

Telepsychiatry to EDs: A great innovation, but how do you measure the results?

Rahul Gupta Hunter New England Mental Health Service @HNEHealth**WORKSHOP** Better connected

EUREKA ROOM 1

Presented by the Australian Digital Health Agency

WORKSHOP Career pathways for emerging clinical digital health leaders

EUREKA ROOM 2

Co-Chair: **Dr Amandeep Hansra** Director, Evermed Consulting @EvermedConsultCo-Chair: **David Wang** Chair, HISA Student Network**DHEN WORKSHOP** Working with boards on digital health - Part 2

MR112

More information coming soon

MASTERCLASS Winter is still coming: Future of healthcare with global strategist digital health

EUREKA ROOM 3

Lucien Engelen CEO Transform health, Global Strategist Digital Health @Centre for the Edge, Deloitte, Faculty Singularity University

Exponential Medicine @lucienengelen

3.30pm Afternoon tea and HIC Innovation Expo

BAY 21-22B

4.00pm **CLOSING PLENARY**

GOLDFIELDS THEATRE

The challenges of leadership

Dr Elizabeth Deveny Chair, Australian Digital Health Agency @eldeveny**Panel A breach of faith**Facilitator **Jenny Brockie** Host, SBS Insight @JenBrockie

Panel:

Gillian Mason Consumer, Physiotherapist, Researcher, University of Newcastle @gillyminn**Dr Kudzai Kanhutu** Chair, HIC 2019 @kudzaiканhutu**Grahame Grieve** Principal, Health Intersections @GrahameGrieve**Prof Meredith Makeham** Chief Medical Advisor, Australian Digital Health Agency @MeredithMakeham**Uschi Schreiber AM** EY Fellow for the Digital Society and Innovation @UschiSchreiber

5.30pm Welcome reception in the HIC Innovation Expo

BAY 21-22B

7.30am | **HISA Partner Breakfast** Presented by INTERSYSTEMS **INVITE ONLY**

EUREKA ROOM 1

7.30am | Registration opens

NORTHERN CONCOURSE FOYER

8.30am | **OPENING PLENARY**

GOLDFIELDS THEATRE

One Good Street at a time: Ending Australia's loneliness epidemic

Matiu Bush Senior Strategist Business Innovation, Bolton Clarke @mat iubush

Data that saves lives

Rachel Bessell Bushfire Research and Development Team, Country Fire Authority**Tim Wells** Acting Operations Manager, Country Fire Authority

Working 9-5: From both sides of the bedside

Gillian Mason Consumer, Physiotherapist, Researcher, University of Newcastle @gillymynn

The digitisation of public health to improve population health and clinical outcomes

Maureen Perrin Public Health Epidemiologist (CAN) @cdnmoe

Why healthcare data exchange standards can change health

Grahame Grieve Principal, Health Intersections @GrahameGrieve

Artificial intelligence: Taking the "system" out of healthcare

Prof Enrico Coiera Director, Centre for Health Informatics, Macquarie University @EnricoCoiera

10.30am | Morning tea and HIC Innovation Expo

BAY 21-22B

11.00am | **CONCURRENT SESSIONS****ACADEMIC / SCIENTIFIC** Digital health for safety & quality

HOSPITALITY SUITE 6

The My Health Record system impacts on patient workflow in general practices

Urooj Raza Khan Charles Sturt University @urkhan24

Early identification of undesirable outcomes for transport accident injured patients using semi-supervised clustering

Dr Hadi Akbarzadeh Khorshidi Northern Institute @unimelb

Factors influencing implementation of an electronic health record in a tertiary cancer centre

Prof Tim Shaw The University of Sydney @timshaw132

Clinical safety incident taxonomy performance on J48 and random forest

Jai Gupta The University of Sydney

Towards intelligent, multidimensional context-aware personalised healthcare and wellness support services

Dr Hamza Sellak CSIRO's Data61 @Sellak_Hamza**HIC SPECIAL FOCUS** Digital health with precision: Enter the world of genomics

COURTYARD ROOM 1 & 2

The "Digital Twin": A personal and intelligent model for expanding precision medicine

Dr Benjamin Schmitt Siemens Healthcare Pty Ltd @SiemensHealth

Lessons learnt in delivering digital tools to enable clinical genomics

Kate Birch Melbourne Genomics Health Alliance @Kate_Birch

A SMART on FHIR prototype for genomic test ordering

Dr Alejandro Metke Jimenez CSIRO @CSIROnews

Understanding the barriers to genomic healthcare in Queensland through an information management lens

Dr Dana Bradford CSIRO @CSIROnews

Running genomic analyses in the cloud

John Pearson QIMR Berghofer Medical Research Institute @QIMRBerghofer**INDUSTRY** The case for data analytics

HOSPITALITY SUITE 7

Real-time prediction of the risk of readmissions

Prof Nilmini Wickramasinghe Swinburne University of Technology

Acute Coronary Syndrome (ACS) and surgical care: Risk stratification analytics platform

Seven Guney Northern Sydney Local Health District @NthSydHealth

Medical emergency analysis enabled by integrated hospital data warehouse

Dr Tim Fazio Melbourne Health @timfazio

Developing a predictive risk model for health care homes

Dr Sankalp Khanna Australian e-Health Research Centre, CSIRO @SankalpKhanna

Machine learning and artificial intelligence as applied to non clinical tasking and patient transport

Dr Aidan Gill Alcidion Group @alcidion

WORKSHOP Turning your decommissioned technology into a powerful social impact tool

EUREKA ROOM 1

Chair: **Mardi Brown** Co-Founder, PonyUp for Good**Cat Harding** Co-Founder, PonyUp for Good**WORKSHOP** Personalising precision medicine: Bringing the consumer perspective to precision medicine

EUREKA ROOM 2

Presented by the HISA Precision Medicine Community of Practice

Chair: **Kathryn Campbell** Chair, HISA Precision Medicine Community of Practice**WORKSHOP**

EUREKA ROOM 3

Opportunity available

DHEN WORKSHOP Our digital health future: Issues for executives - Part 1

MR112

More information coming soon

12.30pm Lunch and HIC Innovation Expo

BAY 21-22B

12.30pm **Poster presentations in the HIC Innovation Expo**

BAY 21-22B

1.00pm **ACHI Colloquium**

HOSPITALITY SUITE 6

2.00pm **CONCURRENT SESSIONS****ACADEMIC / SCIENTIFIC** Getting real: Digital health in practice

GOLDFIELDS THEATRE

Promoting participatory health: Connecting nurses and consumers at point of care to enhance safety and quality in Australia

Dr Carey Mather University of Tasmania @CareyMather

Can Wikipedia be used to derive an open clinical terminology?

Dr Hoa Ngo Australian e-Health Research Centre, CSIRO @ehealthresearch

Project ELAINE: Creating innovative asynchronous exergames to encourage an active ageing lifestyle

Dr Valerie Gay University of Technology Sydney @UTSEngage

The care informatics and technologies project: Enhancing capability, motivation and opportunities in digital health among health professionals and students

Dr Alline Beleigoli Flinders University @Flinders

Validation of anthropometric measures self-reported in a randomised controlled trial of a web-based platform for weight loss

Dr Alline Beleigoli Flinders University @Flinders**INDUSTRY** Deep dive on data collection and research

COURTYARD ROOM 1 & 2

Getting patients to the right care as quickly as possible using machine learning

Claire Holt Portland District Health @claireholt

Smart device usage in healthcare: Creative or non-compliant?

Laura Pietromica Hyland Software Inc @Hyland

Teaching old data new analytics: Effective use of big data for research

Chris Kearney University of Melbourne @unimelb

Harnessing data to enhance health literacy and chronic disease self-management: A collaborative partnership between Healthily and PenCS

Dr Tina Campbell Healthily @drtinacampbell

Pain ROADMAP: A Mobile platform to support activity pacing for chronic pain

Shaila Chavan Australian and New Zealand Intensive Care Society @anzics**INDUSTRY** Future thinking: Data insights shared

HOSPITALITY SUITE 7

The development, implementation and benefits of a novel electronic drug of dependence register in a multi-site hospital

Peter Blewitt Peninsula Health @PeninsulaHealth

Extracting cancer mortality statistics from free-text death certificates using deep learning

Dr Bevan Koopman CSIRO @bevan_koopman

Predicting patients at risk of 30-day unplanned hospital readmission

Dr Mirza Mansoor Baig Orion Health @OrionHealth

The clinic room of the future: The role of speech recognition in improving quality, speed and turnaround of clinical documentation

Dr Simon Wallace Nuance Communications @voice4health

Explainable deep learning for healthcare text analytics

Dr Thanh Vu Australian e-Health Research Centre, CSIRO @ehealthresearch

MASTERCLASS Getting smart about FHIR

EUREKA ROOM 1

Chair: **Dr David Hansen** CEO, Australian eHealth Research Centre, CSIRO @dhansen35
Prof Mark Braunstein Georgia Tech and Australian eHealth Research Centre, CSIRO @mbraunstein
Grahme Grieve FHIR Product Director, FHIR Foundation @GrahameGrieve
Dr Michael Lawley Research Group Leader, Australian eHealth Research Centre, CSIRO @lawley

MASTERCLASS UX for impact

EUREKA ROOM 2

Chair: **Pamela Scicluna** Chair, HISA UX Community of Practice @Pamela_Scicluna
Chris McCarthy Vice President, Strategy & Design, HopeLab @McCarthyChris

DHEN WORKSHOP Our digital health future: Issues for executives - Part 2

MR112

More information coming soon

WORKSHOP AI: Our clever health future or a clinical complexity – You decide!

EUREKA ROOM 3

Chair: **A/Prof Paul Cooper** Health Informatics Management, School of Medicine, Deakin University @longboardfella
Wendy Rogers Professor of Clinical Ethics, Philosophy Department and Department of Clinical Medicine, Macquarie University
Prof Iven Mareels Lab Director, IBM Research Australia @IBMResearch
Nilmini Wickramasinghe Professor and Epworth Chair Health Information Man, Epworth HealthCare & Deakin University

3.30pm Afternoon tea and HIC Innovation Expo

BAY 21-22B

4.00pm **CLOSING PLENARY**

GOLDFIELDS THEATRE

Digital health literacy
A/Prof Luke Burchill University of Melbourne, Department of Medicine, Royal Melbourne Hospital

Panel Are we bringing Australians on the digital health journey?
Facilitator **Dr Louise Schaper** CEO, HISA @louise_schaper

Tim Kelsey CEO, Australian Digital Health Agency @tkelsey1
A/Prof Luke Burchill University of Melbourne, Department of Medicine, Royal Melbourne Hospital

5.30pm Day 2 conference program concludes

7.00pm HISA Awards Gala Dinner

AERIAL, SOUTH WHARF

7.30am | **HISA Partner breakfast** Presented by ELSEVIER INVITE ONLY

EUREKA ROOM 1

7.30am | Registration opens

NORTHERN CONCOURSE
FOYER

9.00am | **OPENING PLENARY**

GOLDFIELDS THEATRE

Designing services to meet people's needs in mental health

Susan Anderson Deputy CEO, Beyond Blue @beyondblue

Health innovation: Africa making waves in new technology

Nnamdi Oranye Founder, Disrupting Africa (ZAF) @nnamdi_oranye

UX Saving Lives - Why design in healthcare matters

Chris McCarthy Vice President, Strategy & Design, HopeLab @McCarthyChris

10.30am | Morning tea and HIC Innovation Expo

BAY 21-22B

11.00am | **CONCURRENT SESSIONS**

ACADEMIC / SCIENTIFIC Games, technology & co-designed, patient centred care

GOLDFIELDS THEATRE

Co-design of a mobile health app: Perspectives from the team

Leanna Woods University of Tasmania @LeannaWoods2016

Wearable technology to support early child language experiences: What's important to parents and clinicians?

Dawn Choo The Hearing CRC & The University of Melbourne @Dawn_Cho

Empowerment, digital literacy and shared digital health records: The value of 'nothing about me without me'

Dr Helen Almond Swinburne University of Technology @helenmaryalmond

A virtual reality game-like system for assessing the risk of falling in the elderly

Dr Jaime Garcia University of Technology Sydney @UTSEngage

Health smart homes: User perspectives

Swetha Nagapuri Flinders University @Flinders

INDUSTRY AND CLINICAL Human-centred design for safety and quality

COURTYARD ROOM 1 & 2

Using simulation to test iEMR clinical workflows and clinician change readiness in preparation for the rollout

Dr Clare Thomas Queensland Health @eHealthQLD

Secure clinical communication with innovative instant messaging technology

James Tan Hong Kong Hospital Authority

The Porn Project: Co-designing a digital health resource with vulnerable young people to enhance sexual health literacy

Mike Ebinum Sheda @mikeebinum

EMR optimisation with clinical decision support: Improving quality and cost of care and enhancing clinician productivity and satisfaction

Dr Ian Chuang Elsevier @drianchuang

INDUSTRY New models: Precision and personal healthcare

HOSPITALITY SUITE 7

Patient-as-a-customer: Using IoT to deliver new models of care

David Paré DXC Technology @_davidPare

Respiratory Connect@Home: A partnership approach to delivering technology-assisted home-based care to patients with chronic respiratory disease

A/Prof Vikas Wadhwa Eastern Health @easternhealthau

Interoperability: The inside story, when a CIO gets sick

Louise Hayes Queensland Health @louisehayesCHIA

An informatics strategy: The key to precision medicine success

Dr Joel Diamond 2bprecise @JoelDiamondMD

Precision driven health research partnership: Safely accessing data to build tools that improve health

Dr Kevin Ross Precision Driven Health @HealthPrecision

WORKSHOP Building digital health workforce capacity in Australia's nursing and midwifery workforce

EUREKA ROOM 1

More information coming soon

WORKSHOP Hack me if you can!

EUREKA ROOM 2

Presented by the HISA Cybersecurity Community of Practice

WORKSHOP

EUREKA ROOM 3

Opportunity available

DHEN WORKSHOP

MR112

More information coming soon

12:30pm Lunch and HIC Innovation Expo

BAY 21-22B

2.00pm CLOSING PLENARY

GOLDFIELDS THEATRE

A new guide to ethical principles for the use of AI in medicine

Prof Liz Kenny AO Chair, Artificial Intelligence Working Group, The Royal Australian and New Zealand College of Radiologists (RANZCR)[@lizkeny_rad](#)

Where artificial intelligence and emotional intelligence meet

Ben Hanna Director of Business Development ANZ, Soul Machines [@benhanna](#)

Thank you and summary

Dr Kudzai Kanhutu Chair, HIC 2019 [@kudzai_kanhutu](#)

Introduction to HIC and NI 2020

Michael Walsh Director-General, Queensland Health and HIC 2020 Chair [@eHealthQLD](#)**Shelley Nowlan** Chief Nursing and Midwifery Officer, Queensland Department of Health and NI 2020 Chair [@NowlanShelley](#)

HIC 2019 farewell

Dr David Hansen Chair, HISA 2019 [@dhansen35](#)**Dr Louise Schaper** CEO, HISA [@louise_schaper](#)

3.30pm Conference concludes