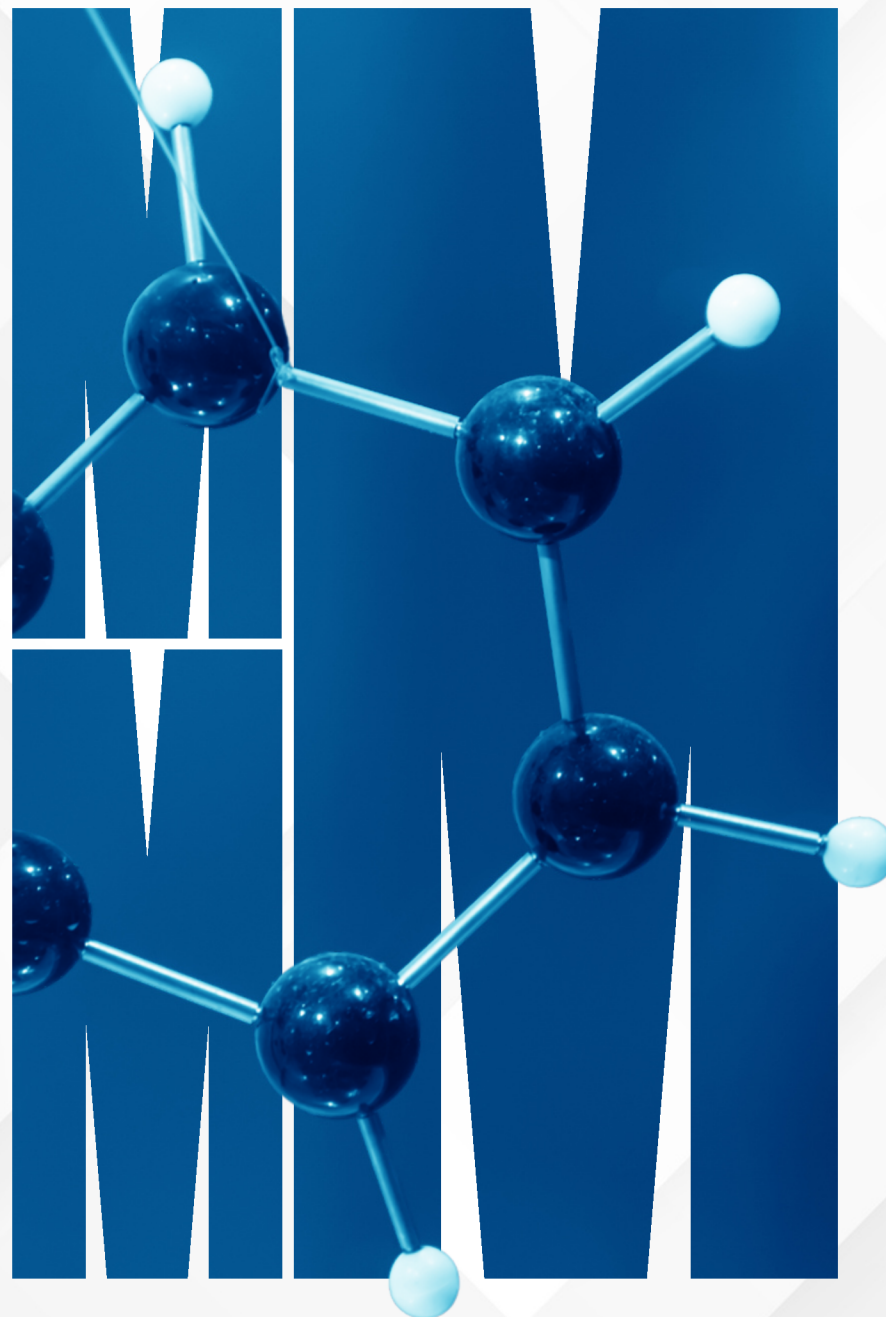


# SHARE 2025

A two-day conference on digital health solutions  
for the Indo-Pacific hosted by Monash Faculty of  
Information Technology

**18–19 NOVEMBER 2025**



# SHARE

## Sharing about Healthcare Artificial intelligence Regionally

SHARE is a rare opportunity to discover the latest research and development work leveraging AI in healthcare to address pressing issues – with solutions applicable across the Indo-Pacific.

### EVENT INFORMATION

<b>DAY ONE</b>	Tuesday 18 November 2025, 1.00 – 6.30pm
<b>DAY TWO</b>	Wednesday 19 November 2025, 1.00 – 5.40pm
<b>FORMAT</b>	Hybrid – In-person and via Zoom
<b>IN-PERSON LOCATION</b>	C1 Lecture Theatre and Foyer, 25 Exhibition Walk, Clayton VIC 3168
<b>LOCATIONS AND TIMEZONES</b>	<ul style="list-style-type: none"><li>• India: 5 hours and 30 minutes behind AEDT</li><li>• Sri Lanka: 5 hours and 30 minutes behind AEDT</li><li>• Vietnam: 4 hours behind AEDT</li><li>• Indonesia: 4 hours behind AEDT</li><li>• Malaysia: 3 hours behind AEDT</li></ul>
<b>SPEAKER ALLOCATIONS</b>	<ul style="list-style-type: none"><li>• Keynotes – 25 minutes</li><li>• Delegates – 10 minutes</li><li>• Session Q&amp;As – 10 minutes</li></ul>



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# EVENT SCHEDULE

## DAY ONE

 TUESDAY 18 NOVEMBER 2025

# SESSION ONE

## THE CUTTING EDGE

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
1.00pm	7.30am	9.00am	10.00am	<b>WELCOME ADDRESS</b> Professor Chris Bain, Monash University
1.05pm	7.35am	9.05am	10.05am	<b>OFFICIAL OPENING</b> Professor Ann Nicholson, Monash University
1.10pm	7.45am	9.10am	10.10am	<b>OPENING KEYNOTE</b> <b>Building Equitable Pathways for Maternal and Child Health Climate Resilience</b> Associate Professor Zerina Lokmic-Tomkins, Monash University
1.35pm	8.05am	9.35am	10.35am	<b>SESSION ONE INTRODUCTION: THE CUTTING EDGE</b>
1.40pm	8.10am	9.40am	10.40am	<b>Development of AI-Based Predictive Model for Environmental and Lifestyle Determinants of CKDu</b> Professor Satyanarayana Rentala, Apollo University
1.51pm	8.21am	9.51am	10.51am	<b>Deep Learning-Based SpO<sub>2</sub> and Heart Rate Monitoring Using Smartphone Camera with Adaptive Facial Region Selection</b> Dr Maggie Ezzat Gaber Gendy, Monash University
2.02pm	8.32am	10.02am	11.02am	<b>Integrating Electronic Patient-Reported Outcome Measures Into Supportive and Palliative Care Ambulatory Services</b> Dr Laura Bird, Monash University

# SESSION ONE

## THE CUTTING EDGE

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
2.13pm	8.43am	10.13am	11.13am	<b>Developing and Piloting a Clinical Decision Support System for Empirical Management of Urinary Tract Infections</b> Dr Aleena Issac, Amrita Vishwa Vidyapeetham
2.24pm	8.54am	10.24am	11.24am	<b>Clinically Robust 3T-Quality Brain Segmentation from Ultra-Low-Field MRI</b> Dr Himashi Peiris, Monash University
2.35pm	9.05am	10.35am	11.35am	<b>Simplifying Medical Reports in India Using Secure Cloud-Based Large Language Models</b> Professor Sandeep Reddy, Queensland University of Technology
2.45pm	9.15am	10.45am	11.45am	<b>SESSION ONE Q&amp;A: THE CUTTING EDGE</b>
2.55pm	9.25am	10.55am	11.55am	<b>AFTERNOON TEA</b>

# SESSION TWO

AGEING WELL

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
3.05pm	9.35am	11.05am	12.05pm	<b>SESSION TWO INTRODUCTION: AGEING WELL</b>
3.10pm	9.40am	11.10am	12.10pm	<b>Requirements Engineering for Older Adult Digital Health Software: A Systematic Literature Review</b>  Yuqing Xiao, Monash University
3.21pm	9.51am	11.21am	12.21pm	<b>Social Determinants of Health Clusters and Risk of Cardiovascular Disease Among Community-Dwelling Older Men and Women: A Clustering and Causal Machine Learning Approach</b>  Dr Mor Vered, Monash University
3.32pm	10.02am	11.32am	12.32pm	<b>AGATHA in Action: Exploring Engagement and Usability of a Digital Healthy Aging Coach Among Older Malaysians</b>  Professor Pei-Lee Teh, Monash University Malaysia
3.43pm	10.13am	11.43am	12.43pm	<b>Understanding the Contribution of Digital Health Initiatives to the Responsiveness of Health Services for Ageing Population in Indonesia</b>  Dr Herfina Nababan, University of Bremen
3.53pm	10.23am	11.53am	12.53pm	<b>SESSION TWO Q&amp;A: AGEING WELL</b>

# SESSION THREE

## POPULATION-SPECIFIC SOLUTIONS

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
4.00pm	10.30am	12.00pm	1.00pm	<b>SESSION THREE INTRODUCTION: POPULATION-SPECIFIC SOLUTIONS</b>
4.05pm	10.35am	12.05pm	1.05pm	<b>Exploration of Gender-Affirming Hormone Therapy in Trans &amp; Gender Diverse People Using A Claims-Based Computable Phenotype</b>  Sam Wade, Monash University
4.16pm	10.46am	12.16pm	1.16pm	<b>Smart Glasses for CVI: Co-Designing Extended Reality Solutions to Support Environmental Perception by People with Cerebral Visual Impairment</b>  Bhanuka Gamage, Monash University
4.27pm	10.57am	12.27pm	1.27pm	<b>Bridging Prediction to Practice: Externally Validated Artificial Intelligence-Based Risk Prediction Models for Gestational Diabetes</b>  Beminate Lemma Seifu, Monash University
4.38pm	11.08am	12.38pm	1.38pm	<b>Towards Out-of-Hospital Monitoring of Epilepsy Patients for Low Resource Settings</b>  Dr Deval Mehta, Monash University
4.48pm	11.18am	12.48pm	1.48pm	<b>SESSION THREE Q&amp;A: POPULATION-SPECIFIC SOLUTIONS</b>
5.00pm	11.30am	1.00pm	2.00pm	<b>AFTERNOON TEA</b>

# SESSION FOUR

## REACHING RURAL AUSTRALIA

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
5.10pm	11.40am	1.10pm	2.10pm	<b>SESSION FOUR INTRODUCTION: REACHING RURAL AUSTRALIA</b>
5.15pm	11.45am	1.15pm	2.15pm	<b>A Dataset of Healthcare Road Accessibility in Australia: Service-Based Grouping and Residential Reachability</b>  Associate Professor David Taniar, Monash University
5.26pm	11.56am	1.26pm	2.26pm	<b>Digital Advice &amp; Guidance: Real-World Impact and Emerging AI Enhancements for Equitable Specialist Care</b>  Stephanie Hodgson, Consultmed and University of Newcastle
5.37pm	12.07pm	1.37pm	2.37pm	<b>NEED Digital Health Education Evaluation Project</b>  Maria Vaz Serra, Monash University
5.47pm	12.17pm	1.47pm	2.47pm	<b>SESSION FOUR Q&amp;A: REACHING RURAL AUSTRALIA</b>
6.00pm	12.30pm	2.00pm	3.00pm	<b>CLOSING KEYNOTE</b>  Grace Lethlean, ANDHealth
6.25pm	12.55pm	2.25pm	3.25pm	<b>CLOSING ADDRESS</b>  Professor Chris Bain, Monash University



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# EVENT SCHEDULE

## DAY TWO

 WEDNESDAY 19 NOVEMBER 2025

# SESSION ONE

## CHRONIC CARE

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
1.00pm	7.30am	9.00am	10.00am	<b>WELCOME ADDRESS</b> Professor Chris Bain, Monash University
1.05pm	7.35am	9.05am	10.05am	<b>OPENING KEYNOTE</b> Dr Hieu Pham, VinUniversity
1.30pm	8.00am	9.30am	10.30am	<b>SESSION ONE INTRODUCTION: CHRONIC CARE</b>
1.35pm	8.05am	9.35am	10.35am	<b>Designing a Framework for an Online Community Assistance Ecosystem to Assist Disabled Stroke Survivors and Caregivers in Accessing Health Services</b> Professor Juliana Sutanto, Monash University
1.46pm	8.16am	9.46am	10.46am	<b>Designing Adaptive User Interfaces for mHealth Applications Targeting Chronic Disease: A User-Centered Approach</b> Dr Wei Wang, Monash University
1.57pm	8.27am	9.57am	10.57am	<b>Digitally Enabled Cardiac Rehabilitation, Advancing Access to Cardiac Rehab</b> Justin Braver, University of Melbourne

# SESSION ONE

## CHRONIC CARE

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
2.08pm	8.38am	10.08am	11.08am	<b>Acceptance of AI-Assisted Conversational Agents for Managing Metabolic Non-Communicable Diseases in Older Adults</b>  Sadia Azmin Anisha, Monash University
2.19pm	8.49am	10.19am	11.19am	<b>Enhancing Telehealth Care: Implementation and Evaluation of a Novel Consultation Summary Software Application Within Palliative Care and Cancer Outpatient Settings</b>  Dr Laura Bird, Monash University
2.29pm	8.59am	10.29am	11.29am	<b>SESSION ONE Q&amp;A: CHRONIC CARE</b>
2.40pm	9.10am	10.40am	11.40am	<b>AFTERNOON TEA</b>

# SESSION TWO

## IMPROVING OUR CAPABILITIES

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
2.50pm	9.20am	10.50am	11.50am	<b>SESSION TWO INTRODUCTION: IMPROVING OUR CAPABILITIES</b>
2.55pm	9.25am	10.55am	11.55am	<b>No Patient Left Behind: Towards a Bilateral India–Australia Policy Agenda for Inclusive AI in Healthcare</b>  Dr Mahima Kalla, University of Melbourne
3.06pm	9.36am	11.06am	12.06pm	<b>Challenges Facing Paramedicine in LMICs – What Roles for Digital Health?</b>  Professor Chris Bain, Monash University
3.17pm	9.47am	11.17am	12.17pm	<b>National Electronic Health Record Implementation in Pacific Island Countries: Coverage, Challenges, and Digital Health Equity Insights</b>  Emily Porrello, Beyond Essential Systems & UNSW
3.28pm	9.58am	11.28am	12.28pm	<b>From Fragmentation to Interoperability: Applying WHO SMART Guideline and HL7 FHIR to Antimicrobial Resistance Surveillance</b>  Anis Fuad, Universitas Gadjah Mada
3.39pm	10.09am	11.39am	12.39pm	<b>Governing the Bioconnected Future: Ethical, Clinical, and Educational Implications of the Internet of Bodies</b>  Dr Shifan Khanday, Dubai Medical University
3.49pm	10.19am	11.49am	12.49pm	<b>SESSION TWO Q&amp;A: IMPROVING OUR CAPABILITIES</b>
4.00pm	10.30am	12.00pm	1.00pm	<b>AFTERNOON TEA</b>

# SESSION THREE

ACCESSIBLE BY DESIGN

AUSTRALIA (AEDT)	INDIA / SRI LANKA	INDONESIA / VIETNAM	MALAYSIA	ITEM
4.10pm	10.40am	12.10pm	1.10pm	<b>SESSION THREE INTRODUCTION: ACCESSIBLE BY DESIGN</b>
4.15pm	10.45am	12.15pm	1.15pm	<b>Co-Designing a Bangla Mental Health Sign Language Bank for Deaf Communities</b>  Dr Md Khalid Hossain, Monash University
4.26pm	10.56am	12.26pm	1.26pm	<b>Generation and Detection of Sign Language Deepfakes: A Linguistic and Visual Analysis</b>  Associate Professor Abhinav Dhall, Monash University
4.37pm	11.07am	12.37pm	1.37pm	<b>From Fear to Comfort: Transforming Public Dentistry with Virtual Reality</b>  Dr Trung Dung Bui, Monash University
4.48pm	11.18am	12.48pm	1.48pm	<b>When Refreshable Tactile Displays Meet Conversational Agents: Investigating Accessible Data Presentation and Analysis with Touch and Speech</b>  Dr Samuel Reinders, Monash University
4.58pm	11.28am	12.58pm	1.58pm	<b>SESSION THREE Q&amp;A: ACCESSIBLE BY DESIGN</b>
5.10pm	11.40am	1.10pm	2.10pm	<b>CLOSING KEYNOTE</b>  Dr Sujoy Kar, Apollo Hospitals
5.35pm	12.05pm	1.35pm	2.35pm	<b>CLOSING ADDRESS</b>  Professor Chris Bain, Monash University