

# AI HEALTH WORLD SUMMIT

19 - 21 MARCH 2025

19 – 20 Mar 2025 at Gardens by the Bay  
21 Mar 2025 at Academia, SGH Campus  
Singapore

## Day 1 - 19-Mar-25

Venue: Flower Field Hall, Gardens by the Bay

| Time              | Duration | Topic  | Speaker  |
|-------------------|----------|--|--|
| 8.00am - 9.00am   | 60 mins  | Registration   |  |
| 9.00am - 9.40am   | 40 mins  | <b>Opening Ceremony</b><br>- Welcome Address by Organising Chairperson<br>- Opening Address by Guest-of-Honour   | Daniel Ting (SingHealth)   |
|                   |          |  | SMS Tan Kiat How   |
| 9.40am - 10.00am  | 20 mins  | <b>Keynote: Scaling Trustworthy AI in Healthcare: Building a Global Framework for Responsible Innovation</b>   | Brian Anderson<br>(Coalition for Health AI, Inc.)                              |
| 10.05am - 11.00am | 55 mins  | <b>Panel Discussion 1: Driving Advances for AI in Healthcare and Precision Medicine: Real World Successes</b><br>AI is slowly re-defining healthcare and precision medicine, delivering tangible benefits in diagnostics, treatment planning, and patient management. This session highlights real-world applications where AI has enhanced clinical outcomes, improved efficiency, and paved the way for more personalised healthcare solutions         | <b>Moderator:</b> Charlie Lee<br>(Amazon Web Services)                         |
|                   |          |  | Henry Ho<br>(National Healthcare Innovation Centre)                            |
|                   |          |  | Patrick Tan<br>(Duke-NUS Medical School)                                       |
|                   |          |  | Dmitry Pavlov<br>(Amazon Web Services)   |
|                   |          |  | Marcus Ang<br>(SingHealth)   |
| 11.05am - 12.00pm | 55 mins  | <b>Panel Discussion 2: Big Data, Computing and IT Infrastructure: Enabling AI-Driven Healthcare</b><br>AI's potential in healthcare depends on robust IT infrastructure, robust computing, and scalable data ecosystems. Join us as we explore how key decision makers leverage upon cloud technologies, big data frameworks, and computing advancements; as well as discuss about strategies and the resource needed to support AI-Health applications. | <b>Moderator:</b> Sebastian Maurer-Stroh<br>(Bioinformatics Institute, A*STAR) |
|                   |          |  | Sim Feng-Ji (Ministry of Digital Development and Information)                  |
|                   |          |  | Alexis Lee (AMD)   |
|                   |          |  | Chris Tan (RE:AI, SingTel)   |
|                   |          |  | Stephanie Magazzeni<br>(Carl Zeiss Meditec AG)                                 |
| 12.05pm - 12.20pm | 15 mins  | <b>Revolutionising Patient Care Generative AI-Driven Solutions in Pharmacogenomic and Ambient Listening</b>  | Chris Haddad<br>(Amazon Web Services)  |
| 12.20pm - 1.20pm  | 60 mins  | Lunch Break  |  |

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| 1.20pm - 2.15pm                              | 55 mins  | <b>Panel Discussion 3: Dialogue with the AI Editors: What are we looking for?</b><br>AI in healthcare research is evolving rapidly, and a successful publication requires alignment with key trends and rigorous standards. Editors from leading AI and medical journals share insights into what makes impactful research, emerging focus areas, and best practices for AI-health publications.  | <b>Moderator:</b><br>Liu Nan (Duke-NUS Medical School)                                       |
|  |          |   | Tien Yin Wong (Tsinghua University)  |
|  |          |   | Rupa Sarkar (Lancet Digital Health)  |
|  |          |   | Zhao Jianfei (NEJM AI)   |
|  |          |   | Sha Yu (Cell Reports Medicine)   |
| 2.20pm - 3.15pm                              | 55 mins  | <b>Panel Discussion 4: Last-Mile Adoption of AI Technologies in Healthcare</b><br>While AI has the potential to transform healthcare, its widespread adoption depends on overcoming key deployment challenges. This session brings together key stakeholders to discuss experiences and effective strategies for building practitioner trust, integrating AI into clinical workflows, ensuring scalability for real-world impact, and more. | <b>Moderator:</b><br>Alex Sia Tiong Heng (KK Women's and Children's Hospital)                |
|  |          |   | John CW Lim (CoRE, Duke-NUS Medical School)  |
|  |          |   | Ernst Kuipers (Nanyang Technological University)   |
|  |          |   | Jeffrey Louis Goldberg (Stanford University)   |
|  |          |   | Aymeric Lim (National University Hospital)   |
| 3.20pm - 3.35pm                              | 15 mins  | <b>Redefining Healthcare with Technology: The Power of ST Engineering's Healthcare Solutions</b>  | Tan Bin Ru (ST Engineering)  |
| 3.35pm - 3.50pm                              | 15 mins  | Tea Break   |  |
| 3.50pm - 4.45pm                              | 55 mins  | <b>Panel Discussion 5: Sustainable Business Models and Investment Strategies in AI Health</b><br>The AI-healthcare market is rapid growing; however, long-term sustainability depends on viable business models and strategic investments. This panel explores funding trends, monetisation strategies, and pathways to commercial success for AI-driven healthcare solutions.  | <b>Moderator:</b><br>Darius Moshfeghi (Stanford University)                                  |
|  |          |   | Mr Vishal Harnal (500 Global)  |
|  |          |   | Jolene Ooi (EDBI)  |
|  |          |   | Sebastian Togelang (Rigel Capital)   |
|  |          |   | Tan Bin Ru (ST Engineering)  |
| 4.50pm - 5.05pm                              | 15 mins  | <b>Transform Healthcare with AMD</b>  | Paul Skaria (AMD)  |
| 5.10pm - 6.05pm                              | 55 mins  | <b>Panel Discussion 6: Navigating Regulatory Frameworks for AI in Healthcare: A Perspective on Products, Services, and Professionals</b><br>AI in healthcare is subject to stringent regulations, varying across borders, solutions, services, and professional practice. Experts discuss the evolving regulatory landscape, compliance requirements, and how different stakeholders can successfully navigate these frameworks.            | <b>Moderator:</b> Robert JT Morris (Ministry of Health Office for Healthcare Transformation) |
|  |          |   | Raymond Chua (Health Sciences Authority, Singapore)  |
|  |          |   | Eric Wong (National Healthcare Group)  |
|  |          |   | Tam C. Nguyen (St Vincent's Hospital Melbourne; Melbourne Medical School)                    |
|  |          |   | Haibo Wang (First Affiliated Hospital of Sun Yat-Sen University)                             |

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## Day 2 - 20-Mar-25

Venue: Flower Field Hall, Gardens by the Bay

| Time              | Duration | Topic   | Speaker  |
|-------------------|----------|---|--|
| 8.00am - 9.00am   | 60 mins  | Registration  |  |
| 9.00am - 9.15am   | 15 mins  | <b>Keynote: Safe and Responsible AI in Health</b>   | Curtis Langlotz (Stanford University)  |
| 9.20am - 9.35am   | 15 mins  | <b>Keynote: AI and Equality in Health: Facing Today's Challenges</b>  | Rupa Sarkar (Lancet Digital Health)  |
| 9.40am - 9.50am   | 10 mins  | <b>CVS.AI: Tracking Heart Disease, from Idea to Implementation</b>  | Lohendran Baskaran (Logen) (National Heart Centre Singapore)   |
| 9.55am - 10.50am  | 55 mins  | <b>Panel Discussion 1: Unlocking the Potential of AI Foundation Models in Healthcare</b><br>Foundation models—large-scale AI models pre-trained on vast datasets—are transforming healthcare by enabling adaptive, generalisable solutions across diagnostics, clinical decision support, and biomedical research. This session explores their capabilities, real-world applications, and how to address key challenges such as data quality, regulatory considerations, and clinical validation. | <b>Moderator:</b><br>Daniel Ting (SingHealth)<br>Lili Qiu (Microsoft Research Asia)<br>Curtis Langlotz (Stanford University)<br>Tien Yin Wong (Tsinghua University)<br>Nigam Shah (Stanford Health Care) |
| 10.55am - 11.50am | 55 mins  | <b>Panel Discussion 2: Transforming Clinical Operations with AI</b><br>AI is optimising clinical workflows, reducing administrative burdens, and enhancing decision-making. This session showcases how hospitals and healthcare providers leverage AI to streamline operations, improve patient outcomes, and create more efficient healthcare delivery systems.  | <b>Moderator:</b><br>Chris Haddad (Amazon Web Services)<br>Harvey Castro (Helpp.ai)<br>Tan Hiang Khoon (SingHealth)<br>So Cheer Kwek (PwC Singapore)<br>Naqi Khan (Amazon Web Services)                  |
| 11.55am - 12.10pm | 15 mins  | <b>Empowering Healthcare through AI-Driven Innovation: ST Engineering's Digital Solutions</b>   | Melvin Ong (ST Engineering)  |
| 12.10pm - 1.10pm  | 60 mins  | <b>Lunch Break</b>  |  |

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| Time            | Duration | Topic  | Speaker   |
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| 1.10pm - 2.05pm | 55 mins  | <b>Panel Discussion 3: Building Robust Data Governance Frameworks for AI in Healthcare</b><br>Data is the backbone of AI-driven healthcare, but ensuring its security, interoperability, and ethical use is paramount. This panel examines strategies for effective data governance, regulatory compliance, and maintaining patient privacy while enabling AI to drive meaningful innovation.  | <b>Moderator:</b><br>Colin Lim<br>(Ministry of Health)                    |
|                 |          |  | Lua Rui Ping<br>(Ministry of Digital Development and Information)         |
|                 |          |  | Yeong Zee Kin<br>(Singapore Academy of Law)                               |
|                 |          |  | Denise Wong<br>(Infocomm Media Development Authority)                     |
|                 |          |  | Caroline Yap (AI Strategies for Human Advancement)                        |
| 2.10pm - 3.05pm | 55 mins  | <b>Panel Discussion 4: AI Applications for Innovation in the Pharmaceutical and MedTech Industry</b><br>AI is revolutionising drug discovery, clinical trials, and medical technology innovation. This panel highlights the latest AI-driven breakthroughs that are accelerating drug development, optimising manufacturing, and enhancing medical device capabilities.  | <b>Moderator:</b><br>Dario Heymann<br>(Galen Growth)                      |
|                 |          |  | Hsien Hsien Lei<br>(American Chamber of Commerce)                         |
|                 |          |  | Danny Soon<br>(Consortium for Clinical Research and Innovation Singapore) |
|                 |          |  | Ngiam Kee Yuan<br>(National University Health System)                     |
|                 |          |  | Annie Ong<br>(ST engineering)   |
| 3.10pm - 3.25pm | 15 mins  | <b>The Cloud-Native Paradigm: Driving AI Innovation in Medical Imaging</b>   | Dmitry Pavlov<br>(Amazon Web Services)                                    |
| 3.25pm - 3.40pm | 15 mins  | Tea Break  |   |
| 3.40pm - 4.35pm | 55 mins  | <b>Panel Discussion 5: Developing AI solutions for healthcare: bridging the gap between innovation and practicality</b><br>The integration of AI in healthcare promises groundbreaking advancements in preventive health, diagnostics, treatment and hospital operations. However, with the rapid development of AI technologies and ever-evolving needs of the healthcare system, are we developing applications that truly addresses the needs of clinicians and patients? This panel discusses the challenges and strategies of researchers, ecosystem enablers and business leaders in navigating the complex journey of developing AI solutions for adoption in healthcare. | <b>Moderator:</b><br>Tan Sze Wee<br>(Temasek International)               |
|                 |          |  | Dinggang Shen<br>(ShanghaiTech University)                                |
|                 |          |  | David Vu<br>(Singapore Biomedical Data Hub, A*STAR)                       |
|                 |          |  | Pavitra Krishnaswamy<br>(Institute for Infocomm Research, A*STAR)         |
|                 |          |  | Steven Ang<br>(EyRIS)   |

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| Time            | Duration | Topic  | Speaker   |
|-----------------|----------|--|---|
| 4.40pm - 5.35pm | 55 mins  | <b>Panel Discussion 6: Ethics and Explainability for AI Adoption in Healthcare</b><br>Is AI truly making healthcare more equitable, or do biased datasets risk reinforcing disparities? Do we need fully explainable AI, or should we prioritise real-world impact over perfect transparency? Trust is essential for AI's adoption in healthcare. This session explores key ethical challenges—bias, fairness, and accountability—while discussing strategies to enhance explainability and build confidence among healthcare practitioners, regulators, and patients. | <b>Moderator:</b><br>Yvonne Lim<br>(Infocomm Media Development Authority) |
|                 |          |  | Alex Jarasch<br>(Neo4j)   |
|                 |          |  | Mohan Kankanhalli<br>(National University of Singapore)                   |
|                 |          |  | Brian Anderson<br>(Coalition for Health AI, Inc.)                         |
|                 |          |  | Tan Keng Leng<br>(ST engineering)   |
| 5.35pm - 7.00pm | 90 mins  | <b>Complimentary visit to the Flower Dome</b>  |   |
| 7.00pm - 9.00pm | 120 mins | <b>Canapé Networking Reception with DJ Aldrin</b>  |   |

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|------------------------------|----------|---|--|---|--|--|
| Venue: Academia (SGH Campus) |          |   |  |   |  |  |
| Time                         | Duration | NAK Auditorium (Main Hall)<br>(Level 1)   | Speakers                                       | Room: L1S1<br>(Level 1)   | Room: L1S2<br>(Level 1)                    | Room: AC 6-1<br>(Level 6)  |
| 8.15am - 9.00am              | 45 mins  | Registration and Networking Breakfast   |  |   |  |  |
| 9.00am - 9.30am              | 30 mins  | <b>Keynote: Translating AI into Real World Clinical Uses: Pearls and Pitfalls</b>   | Nigam Shah<br>(Stanford Health Care)           |   |  |  |
| 9.35am - 9.50am              | 15 mins  | <b>Note Buddy: Reshaping Patient Care One Conversation at a Time</b>  | Eileen Lew<br>(SingHealth)                     |   |  |  |
| 9.50am - 10.20am             | 30 mins  | Break / Poster Board Exhibition Presentation  |  |   |  |  |
| 10.20am - 11.05am            | 45 mins  | <b>Panel Discussion 1: AI for Population Health and Community Care: What's new in 2025?</b><br>AI is driving large-scale health initiatives, predictive analytics, and community-based interventions. This panel explores how AI is being used to enhance preventive care, health equity, and population health strategies.                                     | <b>Moderator:</b><br>Jeremy Lim (AMILI)        | (Starts from 10.05am)<br>Top 10 Scientific Abstracts Oral Presentations | Amazon Web Services Workshop<br>(120 mins) | Workshop: Generative AI for Clinical Applications by Infocomm Media Development Authority<br>(90 mins) |
|                              |          |   | Chris Fang (Hippocratic AI)                    |   |  |  |
|                              |          |   | Gavin Tan (Singapore National Eye Centre)      |   |  |  |
|                              |          |   | Lee Suen Ming<br>(Thomson Medical Centre)      |   |  |  |
|                              |          |   | Jonty Heaversedge (National Healthcare Group)  |   |  |  |
| 11.10am - 11.55am            | 45 mins  | <b>Panel Discussion 2: Bringing AI Solutions from Bench to Bedside: Start-up Journeys</b><br>Transforming AI research into real-world clinical solutions is a challenging but rewarding journey. AI start-up founders share their experiences, from early development to clinical validation and scaling, highlighting lessons learned and key success factors. | <b>Moderator:</b><br>Danny Belkin (SingHealth) |   |  |  |
|                              |          |   | Andrew Wu (Mesh Bio)                           |   |  |  |
|                              |          |   | Alfonsius P Timboel (Halodoc)                  |   |  |  |
|                              |          |   | Wai Chiew Chik<br>(Skysurfer Consulting)       |   |  |  |
|                              |          |   | Stephen Lim (FathomX)                          |   |  |  |
| 12.00pm - 1.00pm             | 60 mins  | Lunch / Poster Board Exhibition Presentation  |  |   |  |  |

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| Time            | Duration | NAK Auditorium (Main Hall)<br>(Level 1)   | Speakers   | Room: L1S1<br>(Level 1)   | Room: L1S2<br>(Level 1)   | Room: AC 6-1<br>(Level 6) |
|-----------------|----------|---|--|---|---|---------------------------|
| 1.00pm - 1.45pm | 45 mins  | <b>Fireside Chat: Catalysing Healthcare Transformation through Strategic Public-Private Synergies</b>   | <b>Moderator:</b><br>Daniel Ting (SingHealth)<br>Fidah Alsagoff<br>(Temasek International)   | <b>Role of Intellectual Property in AI and Healthcare by SingHealth Intellectual Property Office (SHIP) (90 mins)</b> |   |                           |
| 1.50pm - 2.35pm | 45 mins  | <b>Panel Discussion 3: AI for Pathology and Oncology: What's new in 2025?</b><br>AI is revolutionising pathology and oncology by enhancing diagnostic accuracy, personalising treatment strategies, and improving patient outcomes. This session will explore the latest advancements in AI for cancer detection, histopathological analysis, and treatment planning, highlighting cutting-edge technologies shaping the future of pathology diagnostics and oncology care in 2025.             | <b>Moderator:</b><br>Melvin Chua (National Cancer Centre Singapore)<br>Dean Ho (National University of Singapore)<br>Iain Tan (SingHealth)<br>Cheng Chee Leong<br>(Singapore General Hospital)<br>Liu Yong (Institute of High Performance Computing, A*STAR)       |   |   |                           |
| 2.35pm - 2.50pm | 15 mins  | Break / Poster Board Exhibition Presentation  |  |   |   |                           |
| 2.55pm - 3.40pm | 45 mins  | <b>Panel Discussion: AI for Anaesthesiology and Gastroenterology: What's new in 2025?</b><br>AI is transforming anaesthesiology and gastroenterology by enhancing patient monitoring, optimising anaesthesia management, and advancing diagnostic and therapeutic techniques in digestive health. This session explores the latest AI-driven innovations, from predictive analytics for perioperative care to AI-assisted endoscopy and imaging, and their impact on clinical practice in 2025. | <b>Moderator:</b><br>Ke Yuhe (SingHealth)<br>Joseph Sung (Nanyang Technological University)<br>Sng Ban Leong (KK Women's and Children's Hospital)<br>Hairil Rizal Bin Abdullah<br>(Singapore General Hospital)<br>Ernst Kuipers (Nanyang Technological University) |   | <b>Panel Discussion: Trust in the Time of Healthcare AI: What Do Doctors and Patients Need?</b><br><b>Moderator:</b> Kavitha Palaniappan (CoRE, Duke-NUS Medical School)<br>1. Qi-Wei Fong (National Healthcare Group Polyclinics)<br>2. Rajakanth R<br>(Rainbow Across Borders Ltd)<br>3. Rachel Lim Wenrui<br>(Singapore General Hospital)<br>4. Ellil Mathiyen Lakshmanan<br>(SingHealth Patient Advocacy Network) |                           |
|                 |          |   |  |   |   |                           |

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| Time              | Duration | NAK Auditorium (Main Hall)<br>(Level 1)   | Speakers   | Room: L1S1<br>(Level 1) | Room: L1S2<br>(Level 1) | Room: AC 6-1<br>(Level 6) |
| 3.45pm - 4.30pm   | 45 mins  | <b>Panel Discussion 5: AI for Diabetes Care: What's new in 2025?</b><br>As diabetes prevalence rises globally, at this panel will explore AI-driven innovations in diabetes care, from personalised treatment strategies to early detection of diabetes-related eye conditions such as diabetic retinopathy. Join leading experts as they discuss the impact of AI in improving patient outcomes, streamlining clinical workflows, and shaping the future of diabetes management. | <b>Moderator:</b><br>Daniel Ting (SingHealth)<br>Stephanie Magazzeni (Carl Zeiss Meditec AG)<br>Darius Moshfeghi (Stanford University)<br>Goh Su-Yen (SingHealth)<br>Jeffrey Louis Goldberg (Stanford University)                    |                         |                         |                           |
| 4.35pm - 5.20pm   | 45 mins  | <b>Panel Discussion 6: AI for Cardiology and Radiology: What's new in 2025?</b><br>From AI-assisted cardiac triage to automated radiology reporting, this session showcases the latest breakthroughs in cardiology and radiology. Explore how cutting-edge AI innovations are revolutionising cardiovascular care and medical imaging, improving diagnostic accuracy and optimising treatment plans to enhance patient outcomes.  | <b>Moderator:</b><br>Tan Cher Heng (National Healthcare Group)<br>Curtis Langlotz (Stanford University)<br>Zhong Liang (National Heart Centre Singapore)<br>Daniel J Blezek (Mayo Clinic)<br>Steven Wong (Sengkang General Hospital) |                         |                         |                           |
| 5.25pm - 5.40pm   | 15 mins  | Scientific Abstracts Competition Awards Ceremony  |  |                         |                         |                           |
| 5.45pm            | 5 mins   | Closing by SingHealth & A*STAR  |  |                         |                         |                           |

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