Wednesday, 7 November 2018

07:15 - 08:45	**CXO Breakfast by Invitation Only**

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08:00 - 09:00	**Registration and Coffee**
09:00 - 10:00	**Keynote Plenary 5 - Panel Discussion: Health Information Exchange in Military Health Systems to Support Care Coordination Within and Across Borders** Air Vice-Marshal Tracy Smart, Commander Joint Health & Surgeon General, Australian Defence Force Air Vice-Marshal Alastair Reid, Defence Medical Director, HQ Surgeon General, Ministry of Defence United Kingdom RADM(Dr) Tang Kong Choong, Chief of Medical Corps, Singapore Armed Forces Moderated by: Dr. Charles Alessi, Chief Clinical Officer, HIMSS, UK
10:00 - 17:00	**Exhibit Hall Opens**
10:00 - 10:45	**Keynote Plenary 6 - From Monologue to Dialogue: How National Geographic Deepened Engagement with Consumers and Became the World's Number One Social Media Brand**

Marcus East, Chief Technology Officer, National Geographic, USA

Marcus East is the Chief Technology Officer at National Geographic where he runs the organization's digital product and technology teams.

National Geographic has been igniting the explorer in all of us for 130 years through groundbreaking storytelling from the best and brightest scientists, explorers, photographers, and filmmakers in the world. Today, National Geographic's storytelling platforms have expanded to include unparalleled digital and social platforms.

The rich content generated across Nat Geo's media assets– television channels, magazines, kids, travel, books—are enhanced by compelling digital products that build on the legacy of exploration, research and science to give the audience true 360 experiences.

Marcus will share how investments in technology, the creation of new business processes, and a culture of innovation have helped National Geographic's to stay relevant and continue to push the boundaries of storytelling- 130 years later.

10:45 - 11:15	**Coffee Break and Exhibition Time**
11:15 - 12:00	**Keynote Plenary 7 - Innovation, Adopted** Neil Patel, President, Healthbox, Executive Vice President, HIMSS, USA

Innovation can be defined as "invention, adopted." The beauty of invention is that it can happen anywhere, at any time, and to any one. As "invention adopted," innovation is even more versatile, with the ability to grow internally or externally and apply across a myriad of departmental, organizational, and global opportunities. This keynote will tackle that next step – or _

, adopted. The adoption of innovation, whether internal or external, encompasses both the digital and analog, the human and the technological, aspects. It brings together the old and the new, aligning digital progress with behavior and change management for a unique solution to and a new angle on a complicated problem.

12:00 - 13:00	**Networking Lunch and Series of Sponsored Luncheons**

13:00 - 17:15	Data Track	Sustainability Track	IMHIT Conference
13:00 - 13:45	**Track Keynote D1- Symbiosis - not Skynet: Why AI will Make Healthcare (and Us) More Human**	**Track Keynote S1 - H-Supply Information Maturity Management (H-SIMM) Model: Supply chain for Quality,**	**13:00 - 13:10 Opening Address** Air Vice-Marshal Tracy Smart, Commander Joint Health & Surgeon General, Australian

Prashant Natarajan, Principal of Analytics & AI , Deloitte Consulting, Australia

Artificial Intelligence (AI) has great potential that is also matched by hype and fears of a dystopian future and job losses. In this keynote, Prashant Natarajan of Deloitte Consulting Pty. Ltd. - Analytics & Cognitive - demystifies AI by separating reality from the hype. The talk covers key topics such as the role of technology-powered innovations, their positive effects, and why AI will actually help make healthcare, medicine, and practitioners more human - by separating signal from noise, enabling new use cases, and increasing empathy and collaboration. We will review the fundamentals of AI, data in all its forms, and machine learning and tie that to specific high-value use cases that will make AI assistive, augmented, and amplified intelligence at healthcare organisations - providers, private health insurers, and the public sector while establishing benefits for patients.

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Safety and Sustainability
Dr. Anne Snowdon, Professor of Strategy & Entrepreneurship, Academic Chair of World Health Innovation Network (WIN); , Scientific Director and CEO, Supply Chain Advancement Network (SCAN Health), Canada

Patient safety is a complex and growing challenge which lead to poor outcomes for patients and higher costs for all health systems. Medical error is now the third leading cause of death in health systems in North America and parts of Europe. This presentation presents a strategy to advance and strengthen supply chain infrastructure in clinical settings using a maturity tool approach that allows health system leaders to assess the strengths of existing supply chain infrastructure and identifies the path towards strengthening supply chain maturity. The presentation will examine the role of supply chain infrastructure in creating transparency, and real world data opportunities that enable and inform leadership decisions on strategies to ensure best outcomes for patient populations are achieved and the key conditions for health system performance.

Defence Force

13:45 - 14:15

Session D2 - SNOMED CT: The Global Language of Healthcare
Don Sweete, Chief Executive Officer, SNOMED International, London

Learn more about making SNOMED CT work for you. With 35 Member countries globally, and over 5,000

Session S2 - A Better Way to Manage 9 Million Pages of Paper
Sallyanne Wissmann, Director Information Management , Mater Health Services, Brisbane

Paper health information presents significant challenges to large

13:10 - 14:15 Power of Analytics in Healthcare
John Daniels, Global Vice President,, HIMSS Analytics, USA

Use the Adoption Model for Analytics Maturity (AMAM) and leverage data, governance, infrastructure, and analytics

affiliates, SNOMED CT is the world's most comprehensive clinical terminology. A not-for-profit organization, SNOMED CT is free for use within Member countries complemented with extensive accompanying resources.

When implemented in software applications, SNOMED CT can be used to represent clinically relevant information consistently, reliably and comprehensively as an integral part of producing electronic health information.

Listen to CEO, Don Sweete, as he shares the value proposition for SNOMED CT. Visit the SNOMED International booth to strike up a conversation and learn more

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hospital environments. Due to the clinical risks that having a predominantly paper health record cause, the Mater decided to take action to address the challenges of paper health records, which also resulted in significant increases in efficiency and cost reduction, all pre-dating the commencement of an EMR implementation.

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competency to advance your analytics program from beginner to the pinnacle of analytics maturity, AMAM Stage 7.

The presentation serves as an introduction to analytics and the Adoption Model for Analytics Maturity (AMAM) helping attendees understand how analytics matures in their organization and how to advance data driven decision making.

 - What is analytics and why use it?

- Transforming data into wisdom

- Advancing data content, infrastructure, data governance, and analytics competency

- Using the AMAM model and an analytics strategy to advance your analytics maturity

14:15 - 14:45

Session D3 - Improving Cancer Treatment with Genomics and AI
Nicholas Therkelsen-Terry, Chief Executive Officer, Max Kelsen

Hear from a visionary market leader, Nicholas Therkelsen-Terry, CEO of Max

Session S3 - Benefits of a HIMSS Stage 6 Implementation at the Royal Children's Hospital Melbourne
Jane Miller, Chief Operating Officer, Royal Children's Hospital Melbourne, Australia
Lauren Andrew, EMR Optimisation Manager, Royal Children's Hospital

14:15 - 14:50 The Australian Defence Force Digital Health Framework
Air Vice-Marshal Tracy Smart, Commander Joint Health & Surgeon General, Australian Defence Force

Kelsen from Brisbane, Australia. Max Kelsen is leveraging IBM PowerAI to enable new wave of cancer treatment powered by AI: immunotherapy and genomics. Learn more about how a collaboration between a large-scale sequencing company, world-leading researchers and AI machine learning teams is tackling the problem of whole genome precision medicine by predicting whether a patient will respond to new cancer drugs.

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Melbourne, Australia

Investment in eHealth is the Asia Pacific region is increasing. In Australia alone, state and territory jurisdictions are allocating unprecedented resources in digital platforms and clinical systems. eHealth is a key strategy to address some of the current health system challenges in our region including rising costs from the chronic disease burden, ageing population, new technologies, health inequalities and increasing consumer expectations. At its full potential, eHealth must improve the quality and efficiency of healthcare delivery while lowering costs. The Royal Children's Hospital implemented the Epic EMR successfully in April 2016 achieving stage six HIMSS rating for inpatients and outpatients ten months later. This presentation will describe the benefits and return on investment achieved at the RCH with its EMR implementation.

The Australian Defence Force adopted and electronic approach to tri-service integrated healthcare delivery in 2014. As the Australian Defence Force begins its transition from an electronic primary care system to a fully integrated digital health knowledge management capability, the requirement to capture, aggregate, interrogate, fuse and share data to support a healthcare system that is Prevention focussed, Member centric, Command Responsive and Rehabilitation oriented is underpinned and enabled by a digital framework. This short brief from the Australian Defence Force Surgeon General will describe why Defence digital healthcare systems are unique by design and unique by requirement before discussing the development journey of the Australian Defence Force digital healthcare framework and its recognition as a pillar of the Defence Health Strategy.

14:45 - 15:15	Coffee Break	

14:50 - 15:25 Design & Implementation of Singapore Armed Forces' EMR System and Integration with the National Health IT Landscape
RADM(Dr) Tang Kong Choong, Chief of Medical Corps, Singapore Armed Forces

The Patient Care Enhancement System (PACES) is the Singapore Armed Forces

15:15 - 15:45

Session D4 - 'AI' Want It Now – Harnessing High-Quality Data to Improve Patient Outcomes
Tim Morris, Product & Partnership Director, EMEALA, APAC, Elsevier

The healthcare data deluge is happening right now. It is predicted that healthcare data will grow from 153 Exabytes in 2013 to 2314 Extabytes in 2020. How can we as healthcare providers be equipped with AI-enabled Clinical Decision Support (CDS) tools to help us gather, organize and analyze this information?

Clinical decision-making can now be

Session S4 - The Electronic Health Record in Austria (ELGA) – What's Next?
Dr Alexander Kollmann, Global e-Health expert and former Head of Innovation and Program Management, Austrian Electronic Health Record (ELGA)

Over the last years Austria established an opt-out national EHR similar to Australia's My Health Record. With the infrastructure of a personally controlled national EHR in place the focus has now moved to identify and develop innovative eHealth applications to enable new digital models of care. In this presentation Alexander will provide

15:25 - 15:50 Coffee Break

transformed by leveraging the power of machine learning and AI that analyzes real-world patient data to develop real-world evidence, which can be inserted rapidly into existing clinician workflow through clinical decision support. From being able to improve operational efficiency in acute care institutions, to advancing patient care with 'precision medicine', to speeding up the process of drug discovery, there is much to be gained from harnessing our healthcare data. AI-enabled CDS technology has the potential to revolutionize healthcare delivery and improve care outcomes around the world.

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an overview of Austria's national EHR program to date, lessons learned and how they might compare to Australia's My Health Record and what is in store for its future.

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15:45 - 16:15

Session D5 - Cognitive Communications – The Next Step in the Digital Transformation
Brad Ledger, Account Director, Queensland Health, Alcatel Lucent

Cognitive Communications can offer a multitude of services for patients, doctors and nurses. It can Improve service delivery and the care pathway for patients by simplifying access to information by automating tasks and requests. Likewise digital transformation of healthcare is creating huge data depositories like we have

Session S5 - King's College Hospital EHR: Journey of a Lifetime
Richard Yorke, Head of EPR, King's College Hospital NHS Foundation Trust

This presentation will describe the history of the development and implementation of an EHR at a large London university teaching hospital; the decisions that were made along the way and where they plan to go in the next 3 to 5 years.

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15:50 - 16:20 Medical Information Challenges and Opportunities in UK Defence Medical Services - A Programme Director's Thoughts
Air Vice-Marshal Alastair Reid, Defence Medical Director, HQ Surgeon General, Ministry of Defence United Kingdom

The UK has had a Defence-wide (all 3 Services) approach to Med IS since 2006 and is in the process of replacing this capability with a new fully-integrated, end-to-end, partner-interoperable (including the UK National Health Services) Med IS 'eco-

never had before. Leveraging Artificial Intelligence and BOTs will provide clinical guidance and potential solutions to complex health issues by applying data analytics combined with the doctor's experience and training. We will present what we see developing in the healthcare space and where we think the digital transformation journey will take us.

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system'. This short brief from the 2-star CORTISONE Programme Director will describe where UK Defence is on that journey. It will also highlight the trials, tribulations and successes that have been encountered on the way, allowing the audience to learn from the UK's experience of this programme.

16:15 - 16:45			

Session D6 - Retrieval Medicine: What Has Big Data Ever Done For Us?
Dr. Will Ibbotson, Medical Officer, Royal Flying Doctors Service, Australia

The Royal Flying Doctors Service (RFDS) provides aeromedical retrieval of critical care patients across New South Wales. This differs from many other prehospital care and retrieval services because the patients retrieved are at an early, unstable stage of their illness, and often have prolonged transfer times in excess of 2 hours.

This presents unique challenges in the provision of safe and effective medical care. Prior to the introduction of EMRs, all clinical record keeping was paper based - this severely limited the organisation's ability to understand what it was doing and how it was doing it as reporting and data searching was all done manually.

The introduction of the EMR has provided support to all aspects of the Royal Flying Doctors Service, including allied health

Session S6 - Establishing Sustainable National Health Information Systems: Lessons From Partnerships in Vietnam
Donna Medeiros, Digital Health Architect, Policy Advisor and Consultant, Asian Development Bank

Collaborative partnerships and co-creation in planning and implementation is a best practice for establishing standards based sustainable health information systems and empowering system and data use. In Vietnam, HIS key stakeholders formed a partnership with purpose for catalyzing progress.

Since inception, the project has supported a national Electronic Health Record initiative, the national annual health statistics report automation, the national Enterprise Architecture, strengthened health security capacity and disease surveillance, assisted in the setup of an Interoperability Lab located onsite at the MOH, and has held a collection of trainings and study tours for ministry officials and partners. This partnership model

16:20 - 16:40 Panel Discussion and Q&As
Dr. Charles Alessi, Chief Clinical Officer , HIMSS

professionals in the role of preventative medicine, operations and retrieval care through improved education for clinical teams.

Dr. Will Ibbotson will share how the EMR ensured that high quality and evidence based care is delivered to the patients of rural NSW and based on the needs of the community.

was envisioned with a holistic approach to enable a standards based, sustainable ministry owned systems that met the needs of the country's health priorities and empowered data use. Such a collaborative partnership, while not always smooth sailing, accomplished much in a relatively short amount of time.

This session will:
1. Review key lessons on stakeholder engagement
2. Provide governance and strategy examples
3. Discuss capacity building and championing techniques
4. Discuss the role of both evidence based and innovative technologies in effective and sustainable health information systems

16:45 - 17:15

Closing Keynote Plenary - The Push for Internet Hospitals in China
Jilan Liu, MD, MHA, Vice President, HIMSS Greater China

The hospitals in China are embracing a new era of modern technologies at an unprecedented pace. Internet hospitals are encouraged by the Central Government and emerging across the country providing safer healthcare with remarkably improved quality and accessibility in innovative forms, changing the landscape of Chinese health industry by the day. In her presentation, Prof. Jilan Liu brings the bigger picture and elite examples of how Chinese hospitals are harnessing the full potential of technology to provide better, safer care while accomplishing greater efficiency.