Innovation Summit 2017

AGENDAS

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Agenda - Tuesday, May 9

Time	
8.00am	Registration, Breakfast, Marketplace
9.00am	Welcome Address: Innovation at Every Level *by Gareth O'Reilly & Joe Craparotta - Schneider Electric*
9.30am	Brain Power *by Todd Sampson*
10.30am	Morning Tea
11.10am	Fireside chat with *Steve Baxter* and moderated *by Trevor Clarke – Tech Research Asia*
11.40am	Data Centre: In the cloud, at the edge… where next? *by Andrew Kirker – Schneider Electric*
12.10pm	Powering up Animal Logic Studios: The Energy of Movie Making *by Alex Timbs – Animal Logic*
12.40pm	Lunch & Networking

Time	BREAKOUT ROOM 1 INNOVATIVE OFFERS	BREAKOUT ROOM 2 INNOVATIVE HACKS	BREAKOUT ROOM 3 INNOVATIVE ALLIANCES	BREAKOUT ROOM 4 INNOVATIVE CUSTOMERS
2.00pm	Will cloud-based software services change the game for data centre management? *– Kim Povlsen*	Hacking IT: Maintaining your Edge… Intelligent Data Centre and Cloud Foundations – *Trevor Clarke*	DellEMC: Innovating Business through Digital Transformation	The CDC Story – Innovative, Future Proof Data Centres
2.30pm	Innovation in 3 Phase Power with the Galaxy V Series and Lithium Ion battery technologies *– Andrew Kirker*	Hacking IOT/OT Convergence: what it means for the physical layer *– Bradley Yager*	*Sponsor Session* HPE: How to define the right sizing and deployment model of your future Hybrid Data Centers from Edge to Core.	Pulse DC: A Change in Data Centre Demand Warrants a Change in Data Centre Offerings
3.00pm	Afternoon Tea			
3.45pm	Innovation in Cooling for the Next Generation Data Centre *– Karthik Iyer*	Hacking the edge: Why Cloud Computing is Requiring us to Rethink Resiliency at the Edge *– Adam Wilkinson*	Australian Energy Market Movements… Is your Business ready? *– Brian Morris*	Epworth: Adapting the IoT… How to Improve Patient Care and Optimise healthcare Facility Operation
4.15pm	Innovation in Containment and Micro Data Centre solutions with Hyperpod and Micro DC Xpress *– Kiran Babu*	Hacking Power: UPS 101 Fundamentals and difference in key technologies *– Sirawat Paricharttanakul*	Ensuring Business Continuity and Patient Safety at Healthcare Facilities *– Chris Roberts / Glen Scott*	*Customer Session* Interactive
4.45pm	Closing Remarks			
5.15pm-7.15pm	Cocktail Reception - drinks, networking & live music			

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Main Plenary Sessions

Innovation at Every Level
by Gareth O'Reilly and Joe Craparotta

9:00am - 9:30am

Our planet is facing an energy dilemma: consumption will grow by 50% at the same time we must cut our CO_2 emissions in half. The only possible solution is to become 3X more efficient. In this keynote, Schneider Electric will showcase how to ensure energy is on by making it safe, reliable, efficient, connected and sustainable. Discover the power of EcoStruxure Innovation at Every Level and harness the promise of the IoT revolution.

Brain Power
by Todd Sampson

9:30am - 10:30am

Todd Sampson is the writer, host and human guinea pig of the award-winning Discovery Science Series called REDESIGN MY BRAIN. The premise of the series was simple. For over 70 years, science has told us that our brains are fixed. You are born with the brain you have, it develops rapidly until age 7 and then it starts a steady decline from age 30 until you die. There was nothing you could do about it. But science has now proven that to be false. In fact, modern science has now shown that our brain is plastic and that we ALL have the ability to improve it at any age and at any time. This presentation will show you how to boost your Creativity and Brain Power.

Todd will not only take you behind the scenes of this extraordinary scientific journey, he will also provide you with the practical tools, strategies and techniques to improve your brain. We are all capable of more than we realise … and modern science is showing us how.

Fireside chat with Steve Baxter
Moderated by Trevor Clarke – Tech Research Asia

11:10am - 11:40am

Entrepreneur, investor, and 'Shark' on Shark Tank Australia, Steve Baxter is one of Australia's most successful tech entrepreneurs, and an active investor and mentor to startups. Join this fireside chat session to explore the life of Steve Baxter and his story of innovation in culture, structure and foundations to build his businesses. You will have the opportunity to ask questions through our live mobile app!!

Powering up Animal Logic Studios:
The Energy of Movie Making

12:10pm - 12:40pm

Join Alex Timbs, Head of IT at Animal Logic as he examines the technology and engineering needed to create films such as Happy Feet, Avengers: Age of Ultron and The LEGO Batman Movie. Alex will outline some of Animal Logic's unique challenges and how partnering with vendors such as Schneider Electric is essential to finding solutions.

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Breakout Sessions

BREAKOUT ROOM 1 - Innovative Offers

Will cloud-based software services change the game for data centre management?
by Kim Povlsen

2:00pm - 2:30pm

IoT, big data and cloud services all have the potential to dramatically change how data centres are managed. Find out how live data collection, machine learning, and big data analytics can provide real-time operational visibility, alarming, remote troubleshooting and predictive analytics for an efficient data centre.

Innovation in Cooling for the Next Generation Data Centre
by Karthik Iyer

3:45pm - 4:15pm

Power consumption has always been one of the biggest concerns for data centres. In this session, discover innovative and efficient cooling products and solutions catering to all rooms from small, and medium to large data centres. Learn how to achieve a PUE of up to 1.039 with Adiabatic Indirect Air Economiser for large data centres without compromising the quality of air into the data centre.

- How can I make my data centre efficient?
- What are types of cooling solutions for small to medium data centres?
- What are the Advantages of using indirect air economisation?

BREAKOUT ROOM 2 - Innovative Hacks

Hacking IT: Maintaining your Edge… Intelligent Data Centre and Cloud Foundations
by Trevor Clarke

2:00pm - 2:30pm

This research centric session focuses on the premise that there is no turning back to old ways of doing things – things have to change as IoT and digital drive the convergence of IT and OT along with industries of all kinds. Who are your competitors really? Those that execute great ideas and provide the best engagement. The most progressive of organisations focus on what value they can generate for the organisation via tech. These organisations are likely to have an innovation strategy in place, be using main cloud computing providers, trialing emerging technology, and be in the midst or finished with a program that helps them identify the workloads that are most critical to their business and where best to host them.

Hacking IOT/OT Convergence: What it means for the physical layer
by Bradley Yager

2:30pm - 3:00pm

For a sustainable future to be achievable, we must become radically more efficient with the way we use energy.

Brad will share how the Internet of Things (IoT) and the convergence of Operational Technology (OT) and Information Technology (IT) are enabling companies to achieve this challenge at the operational/physical layer. Providing detail on where this has already been realised through an innovation at every level approach, from connected products to edge control, and leveraging apps, analytics and advanced services.

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Breakout Sessions

BREAKOUT ROOM 2 - Innovative Hacks

Hacking the edge: Why Cloud Computing is Requiring us to Rethink Resiliency at the Edge
by Adam Wilkinson

3:45pm - 4:15pm

A greater dependence on cloud-based applications means businesses must rethink the level of redundancy of the physical infrastructure equipment remaining on-premise, at the "Edge". CIOs & IT Manager are being pushed into digital and customer experience with higher expectations on how they can grow their digital infrastructure and deliver services to both internal and external customers.

With the emergence of edge computing platforms, organisations are left to determine how they will best deliver their business processes and services using the data centre ecosystem. What is right for your organisation? What fits best where? This session is designed to be an open conversation about how CIOs can view and leverage edge computing and suitable ecosystem in their strategy. It will help you understand the complete data centre ecosystem available in the Australian marketplace today and ensure your move to an ecosystem which delivers an improved customer experience.

BREAKOUT ROOM 2 - Innovative Hacks

Hacking Power: 101 basics and difference in key technologies
by Sirawat Paricharttanakul

4:15pm - 4:45pm

Understand different types of power and key technology words using in UPS industry.

This session will help the attendees to gain more understanding on UPS systems, their major components, types of relevant energy storages and modes of operation.

- What voltage class is the best according to AS62040.3-2012 standard?
- Is it sufficient to specify power rating of UPS in kW only?
- What mode of operation in UPS can achieve up to 99% efficiency while having the best voltage class?

BREAKOUT ROOM 4 - Innovative Customers

Epworth Hospital
Adopting the IoT: How to Improve Patient Care and Optimise Healthcare Facility Operation

The Internet of Things (IoT) is making a significant impact on the healthcare industry. Facilities of all sizes are increasingly using advanced technology to improve patient care, optimise day-to-day operations, while reducing costs. Schneider Electric is helping healthcare facilities around the world to thrive with innovative digital hospital solutions. We will present latest trends and case studies from the Sunshine Coast University Hospital, the New Royal Adelaide Hospital and Epworth Care.

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Innovation Stage at the Marketplace

Morning break	
10:40am – 10:50am	**How modern MV switchgear can reduce data centre footprint and TCO**
	Steven Trainer, Marketing Manager, Energy Business, Schneider Electric
Lunch break	
12:50pm – 1:00pm	**Protect your IT equipment from physical threats with NetBotz**
	David Mann, Channel Operations and Programs Manager, IT Division, Schneider Electric
1:10pm – 1:20pm	**Flexible, easy-to-deploy Prefab Data Centres**
	Adam Wilkinson, National Application Manager - Data Centres, IoT and Edge Computing, Schneider Electric
1:30pm – 1:40pm	**Explore EcoStruxure™ Building to improve efficiency and connectivity**
	George Das, Solution Architect – Buildings
Afternoon break	
3:10pm - 3:20pm	**How mircogrids and demand response for data centres increase stability**
	Energy Business, Schneider Electric

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Agenda - Tuesday, May 9 (Healthcare stream)

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9.30am	Brain Power *by Todd Sampson*	
10.30am	Morning Tea	
11.10am	How to leverage the IoT to improve patient care and optimise healthcare efficiency *by Chris Roberts & Glen Scott - Schneider Electric*	
11.40am	IoT Healthcare Case Studies *by Chris Roberts & Glen Scott - Schneider Electric*	
12.10pm	Epworth Healthcare Customer Story *by Neil Caughey - Epworth Healthcare*	
12.40pm	Lunch & Networking	
2.00pm	Hacking IT: what is driving the application and workload movement – *Adam Wilkinson & Trevor Clarke*	Breakout Room 2
2.30pm	Hacking IOT/OT Convergence: what it means for the physical layer – *Bradley Yager*	Breakout Room 2
3.00pm	Afternoon Tea	
3.45pm	Customer Session Epworth Hospital	Breakout Room 4
4.15pm	Ensuring Business Continuity and Patient Safety at Healthcare Facilities – *Chris Roberts & Glen Scott*	Breakout Room 3
4.45pm	Closing Remarks	
5.15pm - 7.15pm	Cocktail Reception - drinks, networking & live music	

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