

DAY ONE: MONDAY 10 SEPTEMBER 2018

9.00 - 9.05

Gavin Smith, President Bosch Australia, Chair IOTAA
Welcome Address

9.05 - 9.10

Professor Michael Blumenstein, Associate Dean (Research Strategy and Management), Faculty of Engineering & IT, UTS
Welcome Address

9.10 - 9.45

Christopher O'Connor, General Manager, IBM Internet of Things Offerings (USA)
International Keynote Address

9.45 - 10.20

Dr Stefan Ferber, CEO Bosch Software Innovations (Germany)
Keynote Address

10.20 - 10.45

Morning Break (Exhibition Floor)

10.45 - 12.15

The Connected Automated Vehicle Revolution

The revolution of electric autonomous vehicles is coming to Australia whether we want it or not. We expect up to one in four self-driving cars on the road by 2030. What does this mean for our roads, car ownership, energy infrastructure, insurance, urban planning - and what is the critical digital infrastructure needed to support it?

Session Moderator: Eric Bruzek, Managing Director, Accenture Strategy

10.45

Mark Jackman, Vice President, Automotive Electronics, Bosch Australia
Keynote Address

11.30

Panel Session: How prepared is Australia for the Connected Automated Vehicle Revolution?
Eric Bruzek, Managing Director of Accenture Strategy (Moderator)
Mark Jackman, Vice President, Automotive Electronics, Bosch Australia
Ian Christensen, CEO, I-Move CRC
Niko Limans, Project Manager, Cooperative Intelligent Transport Systems (C-ITS), Austroads

Artificial Intelligence: Unlocking The Value of Data

The value of data generated by IoT will be unlocked by Artificial Intelligence, forecast to deliver US\$3.9 Trillion of business value by 2022. Whilst AI promises to solve the world's greatest problems how can we use the same AI to build this business value sustainably, taking into account ecological, social as well as economic impact? We must navigate the path with great thoughtfulness and responsibility.

Session Moderator: Dr Amy Shi-Nash, General Manager of Group Data Science, Commonwealth Bank of Australia

Professor Alexey Voinov, Distinguished Professor, School of Systems, Management and Leadership, UTS
Keynote Address

Panel Session: IoT and AI: Opening a new world of choice

Dr Amy Shi-Nash, General Manager of Group Data Science, Commonwealth Bank of Australia (Moderator)
Professor Alexey Voinov, Distinguished Professor, School of Systems, Management and Leadership, UTS
Luke Wood, Director, Escavox
Felix Liao, Analytics Solution Lead – Australia, SAS Australia & New Zealand

12.15 - 1.30

Lunch (Exhibition Floor)

1.30 - 3.00

Awakening the Zombie City

The opportunity to better sense our cities is an opportunity to better connect, design and manage our built environment. Without information and connectivity, our cities move forward in a zombie-like haze unaware of the impacts of growth, unable to fully harness the opportunities for optimisation and enhanced citizen experiences.

This session will discuss how collecting and using data to integrate the systems that run our cities can empower the people that cities serve.

We will explore how we measure progress and how we can contribute to an enhancement of liveability and a reduction in the cost of living.

Session Moderator: Claire Penny, Global Industry Leader, IBM - Watson IoT for Buildings (Ireland)

5G Australia: The Connected Everywhere Country

Being a multicultural, urbanised, politically stable, geographically vast and isolated country presents Australia with unique opportunities to become global leaders in areas such as agriculture, supply-chain logistics, water management and energy supply, and to attract massive international investment into new business. But to realise this potential Australia needs to become the "Connected Everywhere" country.

Session Moderator: Alex Grant, CEO, Myriota

1.30

Professor Dr Lutz Heuser, CEO [ui!] Group (Germany)
International Keynote Address

Gerhard Loots, Head IOT & M2M, Telstra
Keynote Address

2.15 **Panel Session:** Balancing growth and liveability in Australian cities
 Claire Penny, Global Industry Leader, IBM - Watson IoT for Buildings (Ireland) (Moderator)
 Professor Dr Lutz Heuser, CEO [ui!] Group (Germany)
 Jessica Christiansen-Franks, Co-founder & Chief Executive Officer, Neighbourlytics
 Nathaniel Bavinton, Newcastle City Council
 Michael Comminos, Director Astrolabe Group, Chair, IoTAA Smart Cities workstream

Panel Session: Rural, Urban and global connectivity
 Alex Grant, CEO, Myriota (Moderator)
 Gerhard Loots, Head IOT & M2M, Telstra
 Rob Zagarella, Founder & CEO, NNNCo
 David Soldani, CTO, Huawei

3.00-3.30

Afternoon Break (Exhibition Floor)

3.30 - 5.00 **Australia: Better water delivery to citizens**
Australia is a vast, dry country with a growing population, and facing issues of climate change and ageing water infrastructure. How can IOT drive new business models, change user behaviour, and produce more environmentally-sustainable ways of delivering water to its citizens?

Session Moderator: Catherine Caruana-McManus, Director, Meshed

3.30 **Terri Benson, Managing Director, South East Water**
 Keynote Address

4.15 **Panel Session:** Water innovation in practice
 Catherine Caruana-McManus, Director, Meshed (Moderator)
 Sundar Iyer, General Manager for Global Platforms, Freestyle
 John Tooth, Head of Digital and Corporate Solutions, Sydney Water
 Danny Malone, Head of Technology Strategy and Architecture, Queensland Urban Utilities
 Dr Helen Edmonds, Manager Water Assets, SA Water

Data: The New Global Currency
Data is Australia's new primary industry. Our challenge is to collect, maintain and value-add this new global currency in order to drive Australia's productivity, employment, economic prosperity and social harmony. Current mindsets in law, trust and privacy must change to realise this potential. But can we control our destiny?

Session Moderator: Peter Leonard, Principal, Data Synergies, Chair, IoTAA Data workstream

Edward Santow, Human Rights Commissioner and Head of Human Rights and Technology Project
 Keynote Address

Panel Session: How do we share data safely?
 Peter Leonard, Principal, Data Synergies, Chair IoTAA Data workstream (Moderator)
 Edward Santow, Human Rights Commissioner and Head of Human Rights and Technology Project
 Greg Schneider, Cofounder & Executive Director, Quantum
 Ian Opperman, Chief Data Scientist NSW
 Michelle Pinheiro, Head of Enterprise Data Governance, ANZ
 Olga Ganopolsky, General Counsel - Privacy and Data, Macquarie Group

6.00 - 8.30

Cocktail Reception and IOT Awards Presentation (UTS Tech Lab at Botany Bay - Transport Provided)

Official opening of UTS Tech Lab by Prof. Hugh Durrant-Whyte, NSW Chief Scientist and Engineer



DAY TWO: TUESDAY 11 SEPTEMBER 2018

9.00 - 9.05

Frank Zeichner, CEO IOTAA
Welcome Address

9.05 - 9.40

Clayton Fernandez, Global Director, Internet of Things, Microsoft (USA)
International Keynote Address

9.40 - 10.10

Dr Stephanie Fahey, CEO, Austrade
Trade Address

10.10 - 10.45

Morning Break (Exhibition Floor)

10.45 - 12.15

The role of IOT in energy market transformation

With skyrocketing prices, peak-time supply failures, electricity supply in Australia is facing problems that our current models and best minds are struggling to solve. An IOT driven world is enabling new business models that change the way we distribute and consume electricity.

Session Moderator: Jonathan Jutsen, Chair, Australian Alliance for Energy Productivity

IOT: Australia the secure country for business

An IOT world will only deliver value if the devices and services that make up the IOT ecosystem are secure and resilient. We have an opportunity to lead the world in developing and applying secure IoT practices - to underpin Australia as a safe place to do business and our regional positioning.

Session Moderator: Matt Tett, Managing Director, Enex Testlab, Chair, IoTAA Security workstream

10.45

John Marcolini, Vice President, Itron (USA)
International Keynote Address

Belinda Newham, Chief of Strategy, Australian Cyber Security Growth Network
Keynote Address

11.30

Panel Session: Driving future energy productivity and smart consumption.

Jonathan Jutsen, Chair, Australian Alliance for Energy Productivity (Moderator)

John Marcolini, Vice President, Itron (USA)

James Eggleston, Senior Analyst, Powerledger

Steve Hoy, CEO, Enosi

Simon Mouat, VP Energy, Schneider

Panel Session: Raising Australia's security capacity

Matt Tett, Managing Director, Enex Testlab, Chair, IoTAA Security workstream (Moderator)

Belinda Newham, Chief of Strategy, Australian Cyber Growth Network

Patrick Fair, Partner, Baker McKenzie

Jacqui McNamara, Head of Cyber Security Services, Telstra

12.15 -1.30

Lunch (Exhibition Floor)

1.30 - 3.00

Connected Manufacturing

IOT underpins the growth of future Australian advanced manufacturing which revolves around smart design, robotics and niche market selection. Australia has its share of hidden champions who have successfully established themselves as global leaders. What can others learn from these champions - so Australia can expand its manufacturing base?

Session Moderator: Dr Danielle Kennedy, Leader, Active Integrated Matter Future Science Platform, CSIRO, Chair, IoTAA Manufacturing workstream

The Great Platform Dilemma: Picking the right winner

A successful IOT platform needs to integrate the functions of ingestion, security, cleaning, normalisation, aggregation and enrichment of data from multiple sources. Selecting the right platform poses enormous challenges - you not only have to find one that offers scalability, but more importantly is aligned with the platform standard gaining transaction in the industry or industries in which your business operates.

Session Moderator: Geof Heydon, Associate, Creatortech, Chair, IoTAA Platforms and Interoperability workstream

1.30

Andre Kluge, Managing Director, Schaeffler Australia
Keynote Address

John MacLeod, Lead architect for IOT for Australia & New Zealand, IBM Australia
Keynote Address

2.15 **Panel Session:** From micro-manufacturing to high volume manufacturing: Realising value in IoT implementation
Dr Danielle Kennedy, Leader, Active Integrated Matter Future Science Platform, CSIRO, Chair, IoTAA Manufacturing workstream (Moderator)
Andre Kluge, Managing Director, Schaeffler Australia
Tania Montesin, Group Manufacturing Operations Manager, Asahi
Phil Crothers, Enterprise Domain Leader, Boeing Australia
Larry Quick, CEO & Founder, Resilient Futures

Panel Session: Real world IOT platform challenges
Geof Heydon, Associate, Creatortech, Chair, IoTAA Platforms and Interoperability workstream (Moderator)
John MacLeod, Lead architect for IOT for Australia & New Zealand, IBM Australia
Dani Storey, CIO, Smarter Technology Solutions
Dale Rankine, CEO and Cofounder, Reekoh

3.00-3.30

Afternoon Break (Exhibition Floor)

3.30 - 5.00 **Increasing Australia's competitive position in food & agriculture through technology**
Australia is known globally for its natural advantage as a food supplier. Brand Australia is built on clean air and water, good practices, and a global reputation for safe, good quality products. IOT offers great opportunities to expand our food export market - by ensuring provenance of our high value products to the end customer and increasing production yields through precision-technology farming.
Session Moderator: Ros Harvey, Founder and Managing Director, The Yield

3.30 **Harry Debney, CEO, Costa**
Keynote Address

4.15 **Panel Session:** Sensing the future of food
Ros Harvey, Founder and Managing Director, The Yield (Moderator)
Harry Debney, CEO, Costa
Garry Gale, Head of Agribusiness, NAB
Ben Van Delden, Head of Markets and Agtech Sector Leader, KPMG

