The Things Conference Asia Pacific On Tour
18-19 November 2019 - Adelaide South Australia

The Things Conference on Tour is coming to the Asia Pacific region for the first time! The Things Network is the world's largest decentralised and collaborative Internet of Things (IoT) network, with over 8000 gateways around the world, supported by tens of thousands of developers and used by businesses, governments and NGOs to protect, monitor and extract value from their assets and environments.

The two-day event will be held over 18-19 November 2019 in Adelaide, South Australia. On Monday the key focus is an exclusive masterclass held by the CTO and Co-founder of The Things Network, Johan Stocking. On Tuesday attention moves to the Stamford Grand for the first The Things Conference Asia Pacific On Tour, a day long deep dive into how your organisation can maximise your investment in The Things Network.

What is The Things Network?

The Things Network enables low power sensors and computers to use long range gateways to connect to an open-source, decentralised, free to use IoT. Using robust end-to-end encryption, this secure and collaborative IoT network spans across many countries around the globe, using license free and contract free spectrum. Free connectivity and remarkably long battery life for sensor devices means a much lower total cost of ownership for your IoT investment. The Things Network provides the set of open tools and a global, open network that you need to build your next IoT application at low cost, featuring maximum security, ready to scale.

About the conference

The APAC The Things Conference on Tour is the first opportunity to meet with industry leaders, learn from the best to develop your IoT skills, and network with key players in the market who are already leveraging this emerging IoT technology.

With distinct business and technical streams, the conference will also explore topics such as:

- Artificial Intelligence on the edge
- LoRaWan over satellite and microwave technology
- Smart cities experiences and managing your investment
- Technical deep dives from experienced engineers

Major partners

Adelaide City Council
Since 2016 when The Growing Data Foundation brought the first collaborative partners together, The Things Network Adelaide has steadily grown to now offer coverage across Metropolitan Adelaide. The City of Adelaide, also one of those early collaborative partners, is using IoT and the Things Network Adelaide to help make Adelaide a city designed for life.

Meshed
Meshed is an Australian based integrator for the Internet of Things. They have provided more than 150 LoRaWAN points-of-presence since 2016 to drive open standard technologies and collaborative data models for cities and industry to thrive in the connected world.

Amazon Web Services
Amazon Web Services (AWS) is a subsidiary of Amazon that provides on-demand cloud computing platforms to individuals, companies and governments on a metered pay-as-you-go basis.

Microchip
Microchip Technology Inc. is a leading semiconductor supplier of smart, connected and secure embedded control solutions. Its easy-to-use development tools and comprehensive product portfolio enable customers to create optimal designs which reduce risk while lowering total system cost and time to market.

Fleet
With a vision to connect everything IoT by launching a world-first constellation of nano-satellites, Fleet will be creating a digital nervous system in the wake of industry 4.0. Fleet satellites make it possible to connect IoT devices everywhere on Earth using LoraWAN, the technology that underpins The Things Network.

Featured speakers

Johan Stokking

Tech Lead and Co-founder of The Things Network (TTN). The TTN is an open, crowd sourced and decentralized Internet of Things data network. Since starting in 2015, TTN has grown to over 80,000 users and over 8,500 gateways; the biggest global LoRaWAN network. Johan oversees technical strategy, architecture, product, infrastructure and operations and likes to work with the global community on success stories.

Andrew Maggio

Meshed Co-founder, Director of Technology and Operations, Andrew brings more than 25 years' experience in Information Technology with over a decade at Microsoft Australia and in the UK. Andrew has held senior roles with Graincorp and developed a strong background in digital electronics, network architecture and vehicle telematics. Andrew founded Meshed in 2015 off the back of delivering a Remote Asset Monitoring solution to a large Australian Defence contracting organisation. Andrew is responsible for technology and operations for Meshed.

Ben Thurgood

Ben leads the Amazon Web Services (AWS) NSW and QLD Public Sector Solutions Architecture team which advises Public Sector customers on how to achieve their desired business results using the breadth and depth of the AWS platform. With a background in computer science and software engineering, Ben brings over 20 years experience, providing technical leadership in financial services, telcos, utilities, government, research institutions and startups. He has previously specialised in security, Service Oriented Architecture, DevOps and Digital Transformation. At AWS, Ben has focused on Serverless Technologies, Internet of Things, Data Analytics and Robotics. Ben is an expert in the application of Artificial Intelligence and Machine Learning.

Flavia Tata Nardini

Flavia Tata Nardini, CEO and Co-founder of Fleet began her career at the European Space Agency as a Propulsion Test Engineer. She then joined TNO, the Netherlands Organisation for Applied Scientific Research to work on advanced space propulsion projects. In 2015, Flavia co-founded Fleet.

Tony Smith

Tony is a professional Electrical Engineer who has worked as a Radio-Frequency Engineer as well as in the telecommunication industry, designing and building his own electronic circuits and printed circuit boards for use in both Nodes and Gateways. When Tony is not building circuits or networks in Adelaide he is travelling the world to teach at The Things Network Conferences!

Brian Danilko

A producer of software for over 30 years on lots of different embedded projects, Brian still finds it all very interesting and loves learning new things. For the last 15 months, Brian has been working on a LoRaWAN device - understanding the protocol, debugging the embedded stack, wrangling with network providers, finessing re-try strategies and basically learning heaps. Along the way he found that lots of people had questions about the specific details of LoRaWAN that he had just found out himself.

Paul McManus

Meshed Co-founder and GM IoT Solutions, Paul has over 25 years' experience in Senior IT, Telecommunications and Sales Management roles with companies like Dimension Data, Data#3, Com Tech Communications as well as building and selling start-ups. Paul is responsible for developing the IoT Solution suite for Meshed and driving business development. Paul is an expert speaker on LoRaWAN, TTN for Smart Cities, PropTech and Ag-Tech sectors as well as pioneering the Meshed Suite of Solutions including nCounter People Counting, the Smart Cities Starter Kit and the Meshed LoRaWAN Device Catalogue.

Online links

Website
https://thethingsnetwork.org.au

Tickets

Masterclass 18 November, 2019
https://events.humanitix.com.au/lorawan-masterclass-with-johan-stokking

Conference 19th November, 2019
https://events.humanitix.com.au/the-things-conference-apac

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The Growing Data Foundation

The Things Conference Asia Pacific On Tour is brought to you by The Growing Data Foundation.

The Growing Data Foundation supports open projects and systems and, in particular, the development of sustainable open solutions for community improvement and social good.
https://gdf.org.au/