



# TelSoc

## Telecommunications & the Digital Economy

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## Justin Mclean talks on the Internet of Things

Open Source Software and Hardware (Arduino)

Monday, 31st March 2014

Non-members: \$10.00; Financial members: No charge (full discount when logged in).

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This event is fully booked or has passed.

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CPUs that cost thousands a decade ago now cost just a few dollars. The Arduino platform has lowered barriers to entry so that people with minimal technical knowledge can create special purpose computers capable of changing the world.

Open Source Hardware is in autonomous drones, 3D printers, DNA replicators, satellites, city-wide sensor networks, smart houses and wearable computers. In this talk Justin McLean will cover:

- The basics of the open source Arduino software and hardware platform.
- How the platform has progressed over the last few years
- The advantages of open source hardware.
- How to write program/sketches in it?s IDE.
- Why it can be used to simply and quickly create working prototypes.

There will be some live demos and time for questions and answers.

### Date and Time

Mon, 31 Mar 2014

18:30 - 20:00 AEDT

## Location

Engineers Australia Harricks Auditorium  
Ground Floor, 8 Thomas Street,  
Chatswood NSW 2067  
Australia

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## Presenter(s)

Justin Mclean



[3] Justin Mclean has more than 15 years experience in developing web based applications and has worked on hundreds of applications. He organises and runs the Internet of Things Sydney meetings, and has a keen interest in the open source Arduino platform.

He runs his own software development consulting company Class Software, runs regular training courses and has spoken at numerous conferences in Australia and overseas.

In his free time he's active in the Apache Flex project, including being the release manager for several versions and contributing 100's of bug fixes.

He's just finished writing a book on Android mobile development.

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