

## **Practical Experience with IoT INSecurity - A Hands-on IoT Workshop** **Wednesday 28 November, 6-10pm**

**By Whom?** Dr. Ray Hunt, University of Canterbury, New Zealand.

**Where?** In RMIT University laboratories, a short distance from the AuthIoT workshop at 360 Swanston Street

**How do I get there?** The participants will meet Ray at 5:30, during the Reception to walk and take the tram to RMIT.

**How many people can be accommodated?** A maximum of 12 on a first register, first serve basis.

**NOTE:** No food or water will be provided, so take your own water and you can pick up something to eat en route.

**About this Workshop:** Much has been discussed and many papers written on the (lack of) security and need for authentication in the IoT world. Unfortunately not a lot of people have had the opportunity to use IoT devices and see where and why the security vulnerabilities lie. Understanding the underlying network operation and configuration is paramount to knowing how to design IoT devices which are not susceptible to vulnerabilities such as malware and botnet attacks.

This workshop introduces delegates to a range of tools which can be used to diagnose the lack of security systems and to assist in understand how protection techniques such as authentication – currently so lacking – can be applied. In this workshop delegates are assisted to use these tools along with IoT devices such as switches, lights, thermostats, video cameras, door locks, music players and others, thus providing highly practical skills.