



ENGINEERS
AUSTRALIA

Joint Institution Lecture Series

Advocatus Diaboli: Introducing adversarial thought into engineering

Hosted by: IEEE (NSW Section)

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hours

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Advocatus Diaboli: Introducing adversarial thought into engineering

There is a saying in the computer security industry that rings true across all engineering disciplines: hackers can't code, coders can't hack. Whilst risk assessments and controlled testing can account for well documented issues in benign environments, the lack of creative thought that is representative of a lot of the risks projects encounter is conspicuously absent. The purpose of this talk is to provide guidance on how adversarial thinking can be used to make products more secure, if not more adaptable to a disruptive and ever changing environment. This talk will cover

- The historical application of adversarial thought and times when its been used
- Misconceptions: Its overuse in the present day and neglect of the concept
- Guidance for prospective red teamers, and those seeking to employ such skills
- Practical applications in the information security domain (PoCs et al will be provided)

By the end of this, participants will have an understanding of how to rethink the threats and risks their projects face.

About the Speaker

Edward Farrell has a B. InfoTech from the University of Wollongong. He is an independent information security consultant with over five years' experience in information security and ten years' experience in the IT industry. He specialises in application and infrastructure penetration testing, security architecture, and incident response.

Edward regularly spends his spare time tinkering in an array of technical security fields such as Product security testing, software defined radio, and computer network reconnaissance.

VENUE

Harricks Auditorium
8 Thomas Street
Chatswood NSW 2068

DATE & TIME

Thursday 28 September 2017
5.30 pm for a 6.00 pm start

Light refreshments will be
provided prior to the presentation.
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TICKETS (incl. GST)

EA Members & Students: Free
IEEE & IET Members: Free
Non-members: \$30

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