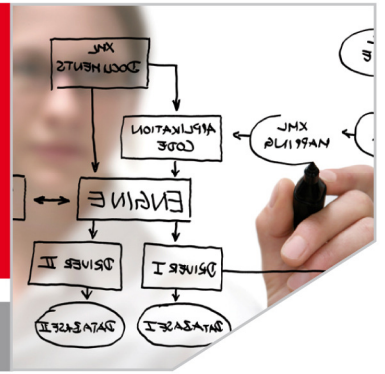


# Think Small - Silicon Chip Manufacturing in Australia



Joint Electrical Institutions Sydney - Engineers Australia, IEEE, IET

## Public Lecture

**Date:** Thursday, 8th October, 2009

**Time:** 5:30 pm for 6:00 pm start

**Venue:** Engineers Australia Auditorium,  
Ground Floor, 8 Thomas Street, Chatswood

**Speaker:** Andrew Greatbatch  
VP Corporate Development  
Sapphicon Semiconductor

**Further Information:** Refreshments will be provided

**RSVP:**

### ABSTRACT:

The semiconductor industry is alive and well in Australia. There is an established base of expertise in design, research and fabrication, and increasing collaboration between the various stakeholders.

Sapphicon Semiconductor is the only chip manufacturer in Australia. The company acquired the fabrication facilities of Peregrine Semiconductor just over 12 months ago. Now it is transitioning from being a captive manufacturing facility into a product and technology development organization. Sapphicon uses a unique Silicon-on-Sapphire process technology to build mixed signal and RF devices. Integrated circuits are created in a thin layer of silicon on top of a sapphire substrate which is an insulator.

The presentation will highlight some of the activities that going on in Australia and focus on some future developments in manufacturing

### SPEAKER BIOGRAPY

Prior to joining Sapphicon Andrew Greatbatch worked as VP Corporate Development with GPC Electronics, the largest contract electronics manufacturer in Australia, and with CSIRO as Technology Commercialisation Manager. Mr Greatbatch worked in semiconductor manufacturing for a number of years with AWA MicroElectronics when the company established a new facility in 1989. He holds a Bachelor of Applied Science (Physics) and Diploma of Business Administration.