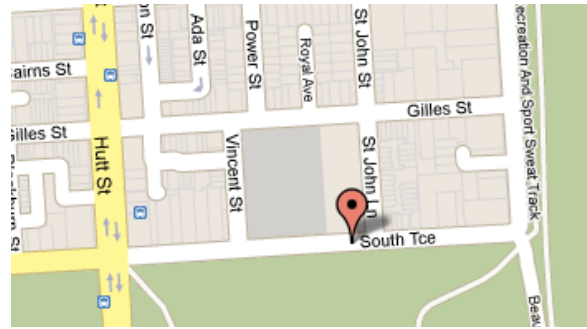


# SMBE AGM 2011

- Date:** Mon 22<sup>nd</sup> August 2011
- Venue:** Waverly House, 360 South Tce, Adelaide
- Time:** 5:30pm light refreshments, 6:15pm talk, SMBE AGM after presentation
- Cost:** Members FREE
- RSVP:** [www.engineersaustralia.org.au/eminentspeaker/](http://www.engineersaustralia.org.au/eminentspeaker/)



Our speaker for the SMBE AGM this year is **Dr Joseph Smith, Chief Medical Officer and Chief Science Officer, West Wireless Health Institute, San Diego, USA.**

Dr Smith will be in Adelaide as part of the Engineers Australia Eminent Speaker Program and Jointly presented by SMBE, Engineers Australia and ACPSEM.

The SMBE AGM will follow Dr Smith's Presentation.

## MEDICINE & ENGINEERING, A DIFFICULT MARRIAGE WITH BEAUTIFUL CHILDREN



The marriage of engineering and medicine is often strained, as representatives of the two parties think and speak differently. They are, however, driven by a shared passion to solve meaningful problems, and as a tangible manifestation of that passion, physicians and engineers have worked together to generate many, many wonderfully effective intellectual offspring. Pacemakers

and Implanted Cardioverter-Defibrillators (ICDs), undeniably the love children of electrical engineers and physicians, now save and improve the lives of millions of people throughout the world. Similar complex marriages have given rise to the no-less remarkable progeny of haemodialysis machines, heart-lung bypass machines, drug-eluting stents, minimally invasive surgical tools, and even heart valves you can now change over a wire. In this discussion, we will review past triumphs and go on to explore whether there is now a need to revitalize and redefine this relationship, as we now may be less in need of the gifted gadget and perhaps more in need of a wholesale revision of the process of care delivery

*Dr Joseph Smith is the chief medical and science officer for West Wireless Health Institute, WWHI, a medical research organisation in San Diego, USA. Dr Smith has a distinguished background in both medicine and engineering, with more than two decades evaluating emerging medical technologies as well as practicing cardiology and cardiac electrophysiology in both clinical and academic organisations. Dr Smith is a guest speaker at this year's EPSM- ABEC conference in Darwin, 14-18th August. He is touring the country as part of the Engineers Australia's Eminent Speaker Program.*



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AUSTRALIA**  
South Australia Division

