

2016  
AGM

S

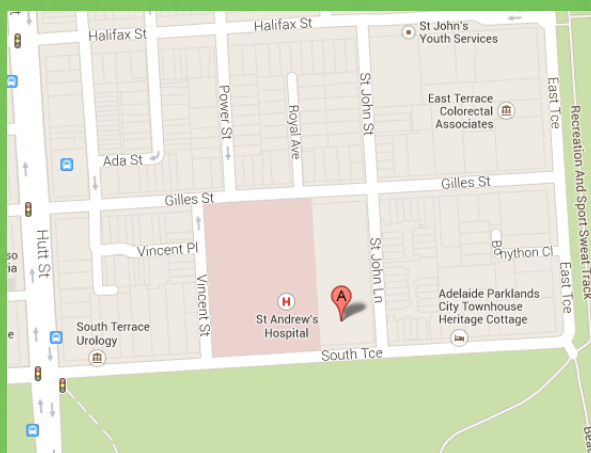


Celebrating  
50 years

**M.B.E.**  
South Australia &  
Northern Territory

Society for Medical and Biological Engineering

- Date:** Tuesday 27<sup>th</sup> September, 2016
- Venue:** Waverly House, 360 South Tce, Adelaide
- Time:** 5:30pm light refreshments, 6:15pm talk, SMBE AGM after presentation
- Cost:** FREE, guests welcome
- RSVP:** Tuesday 20<sup>th</sup> September, 2016  
[smbesa@smbe.asn.au](mailto:smbesa@smbe.asn.au)



## Guest Speaker

***Serval Mesh: Network-free communication app for disaster zones***

Dr Paul Gardner-Stephen, PhD

Dr. Paul Gardner-Stephen of Flinders University views himself as the digital version of a blacksmith, crafting creative and skilled solutions to a wide range of problems. His research interests include, networking, scalable computing, mobile devices, mobile communication infrastructures, disaster and attack resilient technology, creating understandable computers and the application of all these to make the world a better place.

Dr Paul created the Serval Mesh app so people in disaster-struck areas could continue to communicate among themselves. The free app has been described as two-way radio for the 21st century. It competed against 129 others from 20 countries to win the \$279,000 AusAID prize.

Serval Mesh utilises Bluetooth and wi-fi to transfer encoded messages between neighbouring phones hosting the app. Primarily, data in the form of SMS, maps and other text files can be moved across the network. If a direct link is available between phones, a phone call can be made.