



M.B.E.

Society for Medical &  
Biological Engineering  
S.A. Incorporated

ABN 78 256 253 854 [www.smb.e.asn.au](http://www.smb.e.asn.au)

**AGM 2009 for SMBE (SA) Inc**  
**Featuring**  
**Guest Speaker: Jeremy Austin**

**"Reconstructing the past to inform the present: ancient  
DNA analysis of extinct and threatened species"**

Ancient DNA, the genetic material surviving in post-mortem remains of animals, plants and humans, has great potential to reveal cryptic evolutionary events, reconstruct past environments and identify biological response to environmental change. Ancient DNA allows us to travel back in time and "see the past" as it really was, rather than inferring it from modern genetic data alone. However ancient DNA research is not without its challenges and controversies. This presentation will provide a background to the field of ancient DNA, highlight the world-class facilities at ACAD and showcase some of the exciting research projects recently completed or underway - from dodos, to thylacines and unidentified sailors

Jeremy Austin grew up in Tasmania and completed a Science Degree and PhD at the University of Tasmania. Since then he has worked on ancient DNA projects at the Natural History Museum (London) and Museum Victoria (Melbourne) and has researched rainforest bird diversity at the University of Queensland. Current Jeremy is based at the University of Adelaide undertaking some really exciting ancient DNA research at the Australian Centre for Ancient DNA.

**Event details:**

**Date:** Wed, 9<sup>th</sup> September 2009

**Venue:** Einstein Café, building 16  
The Old Railway Shed,  
Adelaide Uni, **Thebarton  
Campus**

**Time:** 5:45pm Refreshments  
6:30pm Guest speaker  
7:15pm AGM

**Cost:** Members FREE  
Guests also free

**Parking:** On the street or in car  
park next to The Distillery  
circled on the map.



**RSVP:** Mon 7<sup>th</sup> Sep 2009

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