

# GOMA (Gawler-Officer-Musgrave-Amadeus) Seismic and MT Workshop

Adelaide Convention Centre  
25 November 2010

## PROGRAM

### SESSION 1

- 9:00 1. Welcome & Introduction  
9:10 2. Seismic acquisition and processing of the GOMA line - Ross Costelloe  
9:30 3. Magnetotellurics acquisition and processing of the GOMA line - Jingming Duan  
9:50 4. Geology and seismic interpretation of the Arckaringa Basin - Sandy Menpes  
10:20 5. Geology and seismic interpretation of the Officer Basin - Wolfgang Preiss

*Morning Tea 10:50 - 11:20*

### SESSION 2

- 11:20 6. Geology of the northern Gawler Craton & Musgrave Province - Ailsa Woodhouse  
11:40 7. Interpretation of the GOMA deep seismic reflection and MT data - Russell Korsch  
12:25 8. Understanding the lithosphere from passive seismic studies - Brian Kennett

*Lunch 12:45 - 1:45*

### SESSION 3

- 1:45 9. 3D geophysical modelling of the northern Gawler Craton - Graham Baines  
2:15 10. New geochronology results from the GOMA drilling program - Liz Jagodzinski  
2:35 11. Isotope characteristics of the marginal terranes of the northern Gawler Craton - Robin Armit  
2:55 12. Crustal boundaries of the marginal terranes of the northern Gawler Craton - Peter Betts

*Afternoon Tea 3:15 - 3:45*

### SESSION 4

- 3:45 13. Geodynamic implications of the GOMA seismic and MT results - Russell Korsch  
4:15 14. Implications for regional energy and mineral systems of the GOMA survey - Narelle Neumann  
4:30 15. Discussion and concluding remarks



Australian Government  
Geoscience Australia



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Primary Industries and Resources SA



Northern Territory Government