Mineral Exploration Through











Cover

2008 Conference

June 27th 2008

Mawson Laboratories
The University of Adelaide

"To boldly go ..."

Tectonics and Mineralising Systems
Regolith, CRC LEME Roundup
Linking Geology and Geophysics
Industry Innovation

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2008 MINERAL EXPLORATION THROUGH COVER CONFERENCE Preliminary Program

8:30 Welcome

8:40 Opening Address Prof Rick Russell

Pro Vice-Chancellor Resarch Operations, The University of Adelaide "The Australian Institute for Mineral and Energy Resources"

9:00 INVITED KEYNOTE ADDRESS

Dr. Tom Whiting: New Developments in Exploration Research - CRC

TECTONICS AND MINERALISING SYSTEMS - Chair: Prof. David Giles

- 9:30 **Keynote:** Frank Bierlein, *AREVA / University of Western Australia*, Lithospheric Control on Gold Mineralisation
- 10:00 Ralf Tappert, The University of Adelaide, Kimberlites and Diamonds in South Australia
- 10:20 David Giles, CMXUC, The University of Adelaide, the Ups and Downs of South Australia
- 10:40 Galen Halverson, The University of Adelaide, New Frontiers in Stable Isotope Geoscience

11:00 - 11:30 Coffee Break

LINKING GEOLOGY AND GEOPHYSICS - Chair: Assoc. Prof. Graham Heinson

- 11:30 **Keynote:** Ned Stolz, *Geoscience Australia* New, Data and Ideas for Energy Exploration in South Australia
- 12:00 Graham Heinson, *The University of Adelaide*, Monitoring Groundwater Flow for Mining and Exploration applications
- 12:20 Graham Baines, The University of Adelaide, Geological Constraints on Geophysical Inversion
- 12:40 Rachel Maier, The University of Adelaide, Joint Inversion: Past Present Future

1:00 - 2:00 Lunch Break

REGOLITH and CRC LEME ROUNDUP – Chair: John Keeling

- 2:00 **Keynote:** Steve Rogers *(CEO CRC LEME)* LEME Outputs for Mineral Exploration and Life Beyond LEME
- 2:30 Steve Hill, The University of Adelaide, Regolith and Mineral Exploration in the Thomson
- 2:50 Adrian Fabris, PIRSA, Explorers' Guide to the Regolith of the Curnamona Province
- 3:10 Michael Neimanis, *The University of Adelaide*, Regolith Approach to Uranium Exploration

3:30-4:00 Coffee Break

INDUSTRY INNOVATION - Chair: Dr. Kevin Wills

- 4:00 Mark McGeough, PIRSA, Targets Tested Through Cover with PACE Funding
- 4:20 Ian Warland, *Iluka*, Mineral Sands Exploration in Eucla Basin Cover
- 4:40 David Tucker, Flinders Mines, Kimberlite Discovery Through Cover using Geophysics
- 5:00 Chris Drown, Adelaide Resources, Exploration Through Cover in the Rover Field, NT

5:20 Closing Note

5:30 - 7:00 Wine degustation and fingerfood

