

BHEI2009, 29 September - 1 October, 2009, Broken Hill Entertainment Centre, Broken Hill

Tuesday 29th September

| Chair | James Johnson GA | Theme | Introduction |
|--------------|-----------------------|--|---|
| <i>start</i> | <i>finish</i> | <i>speaker</i> | <i>topic</i> |
| 8.40 | 9.00 | James Johnson | GA |
| 9.00 | 9.20 | Tim Baker | PIRSA |
| 9.20 | 9.40 | Barnes, R.G. , Reid, B. | I&I NSW |
| 9.40 | 10.00 | Dean Rogers | Perilya Ltd |
| 10.00 | 10.20 | Preiss, W.V. | PIRSA. |
| 10.20 | 11.05 | <i>Break</i> | |
| Chair | Rob Barnes I&I NSW | Theme | Synthesis |
| 11.05 | 11.35 | Conor, C. H. H. | PIRSA. |
| 11.35 | 11.55 | Stevens, B.P.J. | Broken Hill Expertise. |
| 11.55 | 12.15 | Szpunar, M. , Hand, M., Barovich, K., Jagodzinski, L. and Fraser, G. | University of Adelaide, PIRSA. |
| 12.15 | 12.35 | Mills, K. J. , Greenfield, J.E., & Gilmore, P.J. | I&I NSW |
| 12.35 | 1.35 | <i>Lunch</i> | |
| Chair | Wolfgang Preiss PIRSA | Theme | Regional Prospectivity |
| 1.35 | 1.55 | Gerner, E.J. , Budd, A.R., Barnicoat, A.C., Meixner, A. J., Ayling, B. F., and Kirkby, A. M. | GA. |
| 1.55 | 2.15 | Mauger, A. and Clissold, M. | PIRSA, I&I NSW |
| 2.15 | 2.35 | Korsch, R.J. , Preiss, W.V., Blewett R.S., Fabris, A.J., Neumann, N.L., Fricke, C.E., Fraser, G.L., Holzschuh, J. and Jones, L.E.A. | GA, PIRSA. |
| 2.35 | 2.55 | Gilmore, P.J. , Greenfield, J.E., Reid, W.J., and Mills, K.J. | I&I NSW |
| 2.55 | 3.40 | <i>Break</i> | |
| Chair | John Watkins I&I NSW | Theme | Geophysics |
| 3.40 | 4.00 | Robson, D. and Dodens, J. | I&I NSW |
| 4.00 | 4.20 | Cudahy, T. , Rodger, A., Hewson, R., Caccetta, M. Walshe, M. and Reid. B. | CSIRO - Exploration and Mining, I&I NSW |
| 4.20 | 4.40 | Godber, K. | Mitre Geophysics. |
| 4.40 | 5.00 | Musgrave, B. | I&I NSW. |

| Wednesday 30th September | | | | |
|--------------------------|---------------------------|--|---------------------------|--|
| Chair | Lindsay Gilligan I&I NSW | | | |
| Theme | Metal Systems | | | |
| start | finish | speaker | | topic |
| 8.40 | 9.10 | Giles, D. , Raveggi, M., and Raetz, M. | Adelaide University. | Tectonics, Magmas and Mineralisation: Keys to exploring for BHT mineralisation. |
| 9.10 | 9.30 | Baker, T. , Hunt, J. and Gillen, D. | PIRSA. | Fluid sources and processes in the Wernecke IOCGU Breccias, Canada and Comparisons with Australian Examples. |
| 9.30 | 9.50 | Fricke, C.E. | PIRSA. | 1590 Ma magmatism in the Curnamona Province: Mineral potential of the Ninnerie Supersuite. |
| 9.50 | 10.10 | van der Wielen, S.E. , Britt, A.F., Bastrakov, E.N. Cross, A. , Jaireth, S., Le Gleuher, M., Schofield, A., Skirrow, R.G., and Barnicoat, A.C. | GA. | Uranium in the Frome Embayment: Recent results from Geoscience Australia's Onshore Energy Security program. |
| 10.10 | 10.45 | Break | | |
| Chair | Tim Baker PIRSA | | | |
| Theme | Geochemistry and Regolith | | | |
| 10.45 | 11.05 | McKinnon, A.R. | Kimberley Metals Limited. | Application of field portable XRF geochemical data in the broken hill region. |
| 11.05 | 11.25 | Fabris, A.J. | PIRSA. | A guide for mineral exploration through the regolith in the Curnamona Province. |
| 11.25 | 11.45 | Hill, S.M. | University of Adelaide. | Exploring through and within the cover from Mt Painter to Broken Hill to Tibooburra. |
| 11.45 | 12.05 | Crawford, T. | University of Tasmania. | Pb isotope support for the magmatic-hydrothermal origin for the Broken Hill ore deposits. |
| 12.05 | 1.05 | Lunch | | |
| Theme | Core Display / Mine tours | | | |
| 1.05 | 5.30 | Pinnacles Mine Tour, DII Core Display | | |
| Thursday 1st October | | | | |
| Chair | Ted Tyne PIRSA | | | |
| Theme | Regional Deposits | | | |

| <i>start</i> | <i>finish</i> | <i>speaker</i> | | <i>topic</i> |
|--------------|-------------------------------------|---|--|--|
| 9.10 | 9.30 | Leyh, W.R., and Leggo, M.D. | Eaglehawk Geological Consulting Pty Ltd, Silver City Mining Ltd. | Exploration for Broken Hill Type Deposits Combining Detailed Geological Mapping and Niton Soil Geochemistry. |
| 9.30 | 9.50 | Teale, G., and Brewer, A.M. | Teale & Associates, Brewer Geological Services. | Tin and base metal mineralisation associated with highly fractionated mesoproterozoic volcanics and intrusives, northwest Curnamona Province, South Australia. |
| 9.50 | 10.10 | Dave Isles, Chris Anderson, Brett Rava | Stellar Resources Limited. | The Goldfinger-Galena Hill structure. |
| 10.10 | 10.30 | Brewster, D.C., Hill, Q.S., and Donohue, J.G. | Carpentaria Exploration Limited. | The Forgotten Hawsons Iron Prospect: Is there Significant Magnetite Iron-Ore Mineralisation in the Neoproterozoic at Broken Hill? |
| 10.30 | 11.15 | <i>Break</i> | | |
| Chair | <i>Cameron Ricketts I&I NSW</i> | | Theme | New Data |
| 11.15 | 11.35 | Neumann, N., Hore, S. and Fraser, G. | GA. | New SHRIMP geochronology from the Mount Painter Province, South Australia. |
| 11.35 | 11.55 | Thalhammer, O.A.R., and Plimer, I.R. | University of Adelaide, CBH Resources Limited. | The Mundi Mundi clinopyroxenite mass, Silverton. |
| 11.55 | 12.15 | Hand, M., and Rutherford, L. | University of Adelaide, PepinNini Minerals Limited | Delamerian reworking of the southern Curnamona Province. |
| 12.15 | 12.35 | Greenfield, J.E., Mills, K.J., Musgrave, R.G., and Gilmore, P.J. | DII. | Cambrian arc–continent collision during the Delamerian orogen: evidence from the Koonenberry Belt, northwest New South Wales. |
| 12.35 | 1.20 | <i>Lunch</i> | | |
| Chair | <i>Narelle Neumann GA</i> | | Theme | More Regional Deposits |
| 1.20 | 1.40 | Skidmore, C. | Pepin-Nini Minerals Limited. | Crocker Well Uranium Project. |
| 1.40 | 2.00 | King, R. | Teck Australia Pty Ltd. | Discovery of Mississippi Valley Type (MVT) mineralisation at Dome Five and its regional significance. |
| 2.00 | 2.20 | Reid, P.W., Bendall, B.R., and McAllister, L. | Petratherm Limited. | Developing Large Scale, Base Load EGS Power - The Paralana Project, South Australia. |
| 2.20 | 2.40 | Roberts, R. | Bemax Resources Limited. | Future Mineral Sands Opportunities In The Murray Basin. |
| 2.40 | 3.25 | <i>Break</i> | | |
| Chair | <i>Colin Conor PIRSA</i> | | Theme | More Regional Prospectivity |
| 3.25 | 3.45 | Reid, B. | I&I NSW | Illusive or elusive? Exploration vectors in the NSW Curnamona Province and Neoproterozoic. |
| 3.45 | 4.05 | Webster, T. | CODES. | The Structural Evolution of the Broken Hill Mineralised System. |
| 4.05 | 4.25 | Schmidt Mumm, A., Conor, C.H.H. and Griesmann, M. | University of Adelaide. | Exhalative systems in the Olary Domain, Curnamona Province. |
| 4.25 | 4.45 | Hore, S.B., ^{and} Hill, S.M. | PIRSA, University of Adelaide. | Four Mile Creek uranium: basement to cover. |
| 4.45 | 5.00 | close | | |