

## AGES 2017 program

### Monday 27 March

17:30–19:30 Registration and Ice Breaker *Venue: Foyer area, Alice Springs Convention Centre*

### DAY 1 Tuesday 28 March

8:00–8:30 Registration

8:30–8:40 Welcome to Country

8:40–8:50 Minister Ken Vowles NT Government Official opening

#### Session 1

8:50–9:20 Ian Scrimgeour NTGS Overview of mineral and petroleum exploration and production in 2016

9:20–9:40 Rob Bills Emmerson Resources Ltd The discovery of the Edna Beryl deposit – a journey with a destination!

9:40–10:00 Dot Close NTGS Regional geoscience and resource potential programs under the *CORE* initiative

10:00–10:40 *Morning tea*

#### Session 2

10:40–11:00 Matt Briggs ABM Resources NL Discovery of the Seuss Fault in the Suplejack Project

11:00–11:20 Richard Blewett Geoscience Australia *Exploring for the Future*: a new initiative to unlock Northern Australia's minerals, energy and groundwater resources

11:20–11:40 Tracey Rogers NTGS Six things that you need to know about geoscience information and delivery in 2016–17

11:40–12:00 Tania Dhu NTGS Geophysical data in the Northern Territory: recently acquired government and industry data

12:00–13:20 *Lunch*

#### Session 3

13:20–13:40 Barry Reno NTGS Proterozoic tectonothermal evolution of the northeastern sector of the Aileron Province

13:40–14:00 Matt McGloin NTGS The significance of metaexhalites, seafloor alteration and retrograde processes for metamorphosed mineral deposits: examples of distinct alteration styles from the Aileron Province

14:00–14:20 Eloise Beyer NTGS Metasomatism in the Mesoproterozoic – evidence for a regional fluid event in the central Aileron Province

14:20–14:40 David Huston Geoscience Australia The Nolans rare earth element-phosphorus-uranium mineral system: formation and modification over 1800 million years

14:40–15:10 *Afternoon tea*

#### Session 4

15:10–15:30 Keith Mayes KGL Resources The Rockface copper discovery at Jervis

15:30–15:50 David Rawlings CORE Exploration Ltd Lithium-rich pegmatites of the Bynoe Field

15:50–16:10 Jo Whelan NTGS The geological evolution of the Arnhem Province: implications for craton-scale correlations

16:10–16:30 Penny Sinclair Cameco Australia Termitaria sampling in uranium exploration: refining an old technique

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## AGES 2017 program *(continued)*

### DAY 1 Tuesday 28 March (continued)

16:30–17:20 Sundowner drinks *Venue: Courtyard area, Alice Springs Convention Centre*

18:30–19:00 Pre-dinner drinks *Venue: Foyer area, Alice Springs Convention Centre*

### AGES Official Dinner

19:00–late Dinner speaker: Chris Pigram *Venue: Ellery Room, Alice Springs Convention Centre*

### DAY 2 Wednesday 29 March

#### Session 1

9:00–9:20	Toby Davis	Impel Geoscience Pty Ltd	The role of refolding on the localisation of gold mineralisation at Woolwonga
9:20–9:40	Andy Bennett	PNX Metals Ltd	Project development, resource growth and exploration for polymetallic mineralisation in the Pine Creek Orogen
9:40–10:00	Nigel Donnellan	NTGS	Towards a revised stratigraphy for the Neoproterozoic and probable early Cambrian in the central Amadeus Basin, Northern Territory
10:00–10:40	<i>Morning tea</i>		

#### Session 2

10:40–11:00	Daniel Revie	NTGS	Volumetric resource assessment of the lower Kyalla and middle Velkerri formations of the McArthur Basin
11:00–11:20	David Close	Origin	Proterozoic shale gas plays in the Beetaloo Basin and the Amungee NW-1H discovery
11:20–11:40	Rhodri Johns	Santos	Depositional setting and stratigraphic architecture of the Roper Group (McArthur Basin): insights from a sedimentological analysis of core and well data
11:40–12:00	Belinda Smith	NTGS	Are spatial mineralogical variations in the Bessie Creek Sandstone, McArthur Basin, evidence for variable provenance, diagenesis or hydrothermal alteration?
12:00–13:00	<i>Lunch</i>		

#### Session 3

13:00–13:20	Tim Munday	CSIRO	Geological constraints on the interpretation of AEM in the McArthur Basin, Northern Territory
13:20–13:40	Teagan Blaikie	CSIRO/NTGS	Towards an improved understanding of the 3D structural architecture of the greater McArthur Basin through geophysical interpretation and modelling
13:40–14:00	Marcus Kunzmann	CSIRO/NTGS	Sedimentological and biogeochemical controls on sediment-hosted base metal deposits in the McArthur Basin
14:00–14:20	Garry Davidson	University of Tasmania	Controls on copper mineralising processes in the central McArthur Basin, NT: a progress report on the Coppermine Creek Prospect
14:20–14:30	Ian Scrimgeour	NTGS	Closing

### End AGES 2017