

AGES 2023 program

DAY 1 Monday 17th April**17:30–19:30 Registration and Ice Breaker****DAY 2 Tuesday 18th April**

08:00–08:30 Registration

08:30–08:40 Welcome to Country

0840–0850	Minister Nicole Manison	NT Government	Ministerial Address
-----------	-------------------------	---------------	---------------------

Session 1

08:50–09:20	Ian Scrimgeour	NTGS	Highlights of mineral and petroleum exploration and development in 2022
09:20–09:40	Carl Spandler	University Adelaide	Rare earth element mineral systems of significance to the NT
09:40–10:00	Dot Close	NTGS	<i>Resourcing the Territory</i> - future priorities supporting the Territory's economic revival

10:00–10:40 Morning Tea**Session 2**

10:40–11:00	Sarah James	Encounter Resources Limited	Exploring for copper and critical minerals in the NT
11:00–11:20	Tracey Rogers	NTGS	Geoscience information highlights: 2022–23
11:20–11:40	Geoff Fraser	Geoscience Australia	<i>Exploring for the Future</i> program update: new data and information from northern Australia
11:40–12:00	Tania Dhu	NTGS	New and improved geophysical and remote sensed data in the Northern Territory: 2022

12:00–13:20 Lunch**Session 3**

13:20–13:40	Jeff Steadman	University Tasmania	Securing the future of copper, gold, and bismuth resources in northern Australia: A proposal for systematic mineral chemistry and event chronology of the Tennant Creek iron oxide–copper–gold district, Northern Territory
13:40–14:00	Rob Bills	Emmerson Resources Limited	Discovery of red and gold metals in Tennant Creek for a green future
14:00–14:20	Matt Healy	Astro Resources NL	An exploration update from East Tennant
14:20–14:40	Jon Dugdale	Tennant Minerals Limited	Bluebird greenfields copper–gold discovery, Tennant Creek mineral field, NT, Australia

14:40–15:10 Afternoon tea**Session 4**

15:10–15:30	Vincent Crombez	CSIRO	Understanding sedimentary basins in the NT: Insights from Birrindudu Basin, the Lawn Hill Platform, the Beetaloo Sub-basin, and the McArthur Basin
15:30–15:50	Daniela Garrad	Empire Energy Group	A new interpretation sheds light on the evolution of the Beetaloo Sub-basin and its surrounds
15:50–16:10	Toby Foster	Transition Minerals	A combination vanadium and rare earths discovery in northern Barkly
16:10–16:30	Tim Munson	NTGS	The late Palaeoproterozoic Glyde package across the greater McArthur Basin

continued on next page

AGES 2023 program *(continued)*

DAY 2 Tuesday 18th April *(continued)*

16:30–17:20 *Sundowner drinks*

18:30–19:00 *Pre-dinner drinks*

AGES Official Dinner

19:00–late *Venue: Ellery Room, Alice Springs Convention Centre*

Day 3 Wednesday 19th April

Session 1

09:00–09:20	Charles Verdel	NTGS	Stratigraphic and tectonic framework of the western Warburton Basin
09:20–09:40	Amber Jarrett	NTGS	Source rock potential and petroleum systems of the Pedirka Basin in the Northern Territory
09:40–10:00	Joe McDiarmid	Central Tanami JV	Joint Venture unveiling potential at Central Tanami Project JV

10:00–10:40 *Morning tea*

Session 2

10:40–11:00	Edward Keys	Prodigy Gold NL	Mineral potential modelling of gold systems in the Tanami: A multi-technique approach to support the next discovery in the NT
11:00–11:20	Barry Reno	NTGS	Unravelling overprinting tectonothermal cycles at the southern margin of the North Australian Craton
11:20–11:40	Matt McGloin	IGO Ltd	Phreaker prospect
11:40–12:00	Jo Whelan	NTGS	Demystifying the Arthur Pope's prospect: REE, Y and Cu-bearing carbonate–quartz veins in the Casey Inlier, central Australia

12:00–13:00 *Lunch*

Session 3

13:00–13:20	Kam Bhowany	University Queensland	Secondary prospectivity of mine waste in the Pine Creek region: The search for critical metals
13:20–13:40	Steve Micklethwaite	University Queensland	Folds, gold and critical metals: An Industry-Government–Academia reassessment of the Pine Creek Orogen in 3D
13:40–14:00	Andrew Bennett	Core Lithium Ltd	Applying ANT in lithium exploration
14:00–14:20	Ian Scrimgeour	NTGS	Closing remarks

End AGES