## AGES 2016 program

### DAY 1 Monday 14 March

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30–19:30</td>
<td>Registration and Ice Breaker</td>
<td>Foyer area, Alice Springs Convention Centre</td>
</tr>
</tbody>
</table>

### DAY 2 Tuesday 15 March

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00–8:30</td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td>8:30–8:40</td>
<td>Welcome to Country</td>
<td></td>
</tr>
<tr>
<td>8:40–8:50</td>
<td>Minister David Tollner Official opening</td>
<td>NT Government</td>
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</tbody>
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### Session 1

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<thead>
<tr>
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<tbody>
<tr>
<td>8:50–9:20</td>
<td>Overview of minerals and petroleum exploration and production in 2015</td>
<td>Ian Scrimgeour, NTGS</td>
</tr>
<tr>
<td>9:20–9:40</td>
<td>Exploration success and resource growth at Newmont’s Tanami Operations, Northern Territory</td>
<td>Shaun Schmeider, Newmont</td>
</tr>
<tr>
<td>9:40–10:00</td>
<td>Integrated geoscience projects through the CORE initiative</td>
<td>Dorothy Close, NTGS</td>
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### Session 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speakers</th>
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</thead>
<tbody>
<tr>
<td>10:40–11:00</td>
<td>Geoscience information – updates to online systems, data and products in 2015–16</td>
<td>Tracey Rogers, NTGS</td>
</tr>
<tr>
<td>11:00–11:20</td>
<td>Analysis and interpretation of historical AEM data sets in the McArthur Basin, NT</td>
<td>Yusen Ley, CSIRO</td>
</tr>
<tr>
<td>11:20–11:40</td>
<td>Exploration of the Teena Zinc Prospect - new insights for the discovery of shale-hosted zinc deposits in northern Australia</td>
<td>Michael Taylor, Teck Australia</td>
</tr>
<tr>
<td>11:40–12:00</td>
<td>Pyrite trace element chemistry of black shales in the McArthur Basin: A recorder for atmospheric oxygenation and exploration tool for Zn-Pb SEDEX style deposits</td>
<td>Ross Large, CODES</td>
</tr>
<tr>
<td>12:00–12:20</td>
<td>Evidence for SEDEX-style mineralisation in the Tawallah Group, McArthur Basin</td>
<td>Sam Spinks, CSIRO</td>
</tr>
</tbody>
</table>

### Session 3

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:20–13:30</td>
<td>How the CORE Initiative is helping to promote the NT minerals and energy sector to Asian investors</td>
<td>Fiona Park, NTGS</td>
</tr>
<tr>
<td>13:50–14:10</td>
<td>Exploring the sub-salt play in the frontier Amadeus Basin – Insights from potential field data analysis</td>
<td>Tim Debacker, Frogtech</td>
</tr>
<tr>
<td>14:10–14:30</td>
<td>Petroleum geochemistry of the Amadeus Basin</td>
<td>Chris Boreham, GA</td>
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### Session 4

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00–15:20</td>
<td>Geophysical data in the Northern Territory: Insights from government and industry acquired data</td>
<td>Tania Dhu, NTGS</td>
</tr>
<tr>
<td>15:20–15:40</td>
<td>Geophysical exploration and discovery at Jervois</td>
<td>Keith Mayes, KGL Resources</td>
</tr>
<tr>
<td>15:40–16:00</td>
<td>Multiply reactivated crustal-scale structures and a long-lived counter-clockwise P-T path: New insights into the 1.5 billion year tectonothermal evolution of the eastern Arunta Region, central Australia</td>
<td>Anett Weisheit, NTGS</td>
</tr>
<tr>
<td>16:00–16:20</td>
<td>Palaeoproterozoic copper mineralisation in the Aileron Province: New findings on temporal, spatial and genetic features</td>
<td>Matt McGloin, NTGS</td>
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*continued on next page*
# AGES 2016 program (continued)

## Day 2 Tuesday 15 March (continued)

<table>
<thead>
<tr>
<th>Time</th>
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<th>Venue</th>
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<tbody>
<tr>
<td>16:20–17:20</td>
<td>Sundowner drinks</td>
<td>Courtyard area, Alice Springs Convention Centre</td>
</tr>
<tr>
<td>18:30–19:00</td>
<td>Pre-dinner drinks</td>
<td>Foyer area, Alice Springs Convention Centre</td>
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## AGES Official Dinner

<table>
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<tr>
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<tbody>
<tr>
<td>19:00–late</td>
<td>Dinner speaker: Richard Cottee</td>
<td>Ellery Room, Alice Springs Convention Centre</td>
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## Day 3 Wednesday 16 March

### Session 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Company/Institution</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00–9:20</td>
<td>Grant “Rocky” Osborne and Ana Liza Cuisson</td>
<td>Emmerson Resources</td>
<td>Discovering the undiscovered – New ideas and technology in the mature Tennant Creek Mineral Field</td>
</tr>
<tr>
<td>9:20–9:40</td>
<td>Dorothy Close</td>
<td>NTGS</td>
<td>The greater McArthur Basin 3D modelling project: Updates, developments and steps towards the future</td>
</tr>
<tr>
<td>9:40–10:00</td>
<td>Tim Munson</td>
<td>NTGS</td>
<td>Sedimentary characterisation and correlation of the Wilton package, greater McArthur Basin</td>
</tr>
</tbody>
</table>
<br>10:00–10:40  | **Morning tea**                         |                                                          |                                                                        |
<br>Session 2
<br>10:40–11:00  | David Close                             | Origin Energy                                            | Unconventional gas potential in Proterozoic source rocks: Exploring the Beetaloo Sub-basin |
| 11:00–11:20   | Dan Revie                               | NTGS                                                     | From the back of the shed to the forefront of exploration: what the NTGS core store is revealing about the Roper Group shales of the greater McArthur Basin |
| 11:20–11:40   | Todd Hoffman                            | Pangaea Resources                                        | Roper Basin burial history modelling: Inferences for the timing of hydrocarbon generation |
<br>11:40–12:00  | Steve Hill                              | Geological Survey of SA                                   | Animals and vegetables for minerals: Biogeochemical exploration through sedimentary cover from tropical savannahs to arid shrublands of the Northern Territory |
<br>12:00–13:00  | **Lunch**                               |                                                          |                                                                        |
<br>Session 3
<br>13:00–13:20  | Doug Winzar                             | Independence Group                                       | Early indications of a copper-gold belt in the southwestern Aileron Province |
| 13:20–13:40   | Jo Whelan                               | NTGS                                                     | 1.4 billion years of Northern Territory geology: Insights from collaborative U-Pb zircon and baddeleyite dating |
| 13:40–14:00   | Bridget Ayling                          | GA                                                       | Geomechanics, stress regime and mineralogy of the Arthur Creek Formation and Thorntonia Limestone, southern Georgina Basin |
| 14:00–14:20   | Mark Edwards                            | Newmarket Gold Inc                                        | Newmarket Gold Inc provides an update on the Maud Creek Gold Project |
| 14:20–14:30   | Ian Scrimgeour                          | NTGS                                                     | Closing                                                               |

End AGES 2016