

The AusIMM International Uranium Conference 2017

DAY 1 – Tuesday 6 June 2017

Panorama Rooms, Adelaide Convention Centre

7.30 am – 8.30 am	Registration open and arrival networking	
Panorama Rooms 2&3	SESSION 1: OFFICIAL OPENING AND KEYNOTE Session Chair: Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair	
8.30 am – 8.35 am	Welcome from the Conference Chair: <i>Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair</i>	
8.35 am – 8.40 am	Official Conference Opening: <i>Janine Herzig FAusIMM(CP), Board Director, the AusIMM and MetValPty Ltd</i>	
8.40 am – 9.10 am	Keynote Presentation 1: Opportunities for Australia in a growing global nuclear energy future — <i>Agneta Rising, Director General, World Nuclear Association</i>	
9.10 am – 9.40 am	Keynote Presentation 2: What the nuclear fuel cycle has to offer Australia — <i>Rear Admiral the Honourable Kevin Scarce AC CSC RAN (Rtd), Chancellor, The University of Adelaide</i>	
9.40 am – 9.50 am	Keynote Presentation 3: <i>Rowan Ramsey MP, Federal Member for Grey</i>	
9.50 am – 10.20 am	Morning Tea and Networking Display Tables Panorama Foyer	
Panorama 2–2A Panorama 3–2B	SESSION 2A: GEOLOGY AND EXPLORATION I (INTERNATIONAL) Session Chair: Damien Ewington MAusIMM(CP), Regional Manager, Cameco Australia Pty Ltd	SESSION 2B: MINING AND PROCESSING I Session Chair: Johann van Wijk FAusIMM(CP), General Manager – Adelaide and Principal Geotechnical Engineer, AMC Consultants Pty Ltd
10.20 am – 10.40 am	The Arrow Deposit, south-west Athabasca Basin – resource upgrade and expansion — <i>A Browne</i>	Alkaline leaching of refractory uranium ores — <i>R Gilligan and A N Nikoloski</i>
10.40 am – 11.00 am	Uranium and thorium contents along tin belt of Thailand — <i>P Laowattanabandit</i>	Operations at the White Mesa Mill in Utah — <i>S Burling, M S Chalmers, R Ring and L Shumway</i>
11.00 am – 11.20 am	Surficial uranium deposits exploration by trenching method — <i>A Momani</i>	Benefits of advances in precipitation — <i>G Jobling</i>
11.20 am – 11.40 am	Uranium potentiality of Cenozoic Tipam sandstones exposed in north-eastern part of Bangladesh — <i>R K Majumder, M I Khalil, B M R Faisal and M N Zaman</i>	Overview of uranium, thorium and rare earth element extraction from Indonesia tin slag — <i>K Trinopiawan, M Anggraini and A Sumaryanto</i>
11.40 am – 12.00 pm	Hot fluid flows in the sandstone-type uranium deposit in the Kailu Basin, Northeast China — <i>F Nie, Z Yan, F Xia, M Li and M Jiang</i>	
12.00 pm – 1.00 pm	Lunch and Networking Display Tables Panorama Foyer	
Panorama 2–3A Panorama 3–3B	SESSION 3A: GEOLOGY AND EXPLORATION 2 (INTERNATIONAL and AUSTRALIA) Session Chair: Martin Fairclough, Uranium Specialist, Uranium Resources and Production, International Atomic Energy Agency	SESSION 3B: MINING AND PROCESSING 2 Session Chair: Janine Herzig FAusIMM(CP), Board Director, the AusIMM and MetValPty Ltd
1.00 pm – 1.20 pm	Exploration and processing of uranium in the Philippines — <i>R Y Reyes, E P Vargas, J D Ramirez, R R Diwa, E U Tabora, B L Palattao and M Fairclough</i>	Uranium in situ recovery Resource Estimation and JORC Code (2012) — <i>B Rava, B Packer and M Gorzechowski</i>
1.20 pm – 1.40 pm	Updates on regional studies integrating airborne electromagnetic, airborne gamma ray surveys, geology and collating borehole logs in the Lake Frome area — <i>D FitzGerald, B Michaelsen and B Minty</i>	Study of the matrix effect on removal of thorium and uranium from Nam-Xe rare earth ores by solvent extraction — <i>T K D Nguyen, Q H Nguyen and V L Than</i>
1.40 pm – 2.00 pm	Petrography and hydrothermal alteration of Hiltaba-aged granitoids from the Samphire Magmatic Complex, South Australia — <i>U Domnick, N J Cook, R Bluck, C Brown and C L Ciobanu</i>	Uranium analysis of ores and metallurgical products – some of the traps — <i>J D Bowden</i>
2.00 pm – 2.20 pm		Frome Basin in situ recovery uranium mining operations — <i>A Marsland-Smith</i>
2.20 pm – 2.50 pm	Afternoon Tea and Networking Display Tables Panorama Foyer	
Panorama 2&3	SESSION 4: INDUSTRY INNOVATION Session Chair: Nigel Haywood, General Manager, Education & Work Skills, National Resources and Energy Australia (NERA)	
2.50 pm – 3.20 pm	Keynote Presentation 4: Fork in the road – will Australia make a brighter world through growth in the nuclear fuel cycle? — <i>Ben Heard, Founder and Executive Director, Bright New World</i>	
3.20 pm – 3.40 pm	The Tiris calcrete uranium project – driving development of a robust process through mineralogical characterisation and simulation — <i>W R Goodall, M Maley and R Ring</i>	
3.40 pm – 4.00 pm	Multisite calibration of a driller-deployable gamma logging tool — <i>F A Blaine, D C Lawie and D Wilson</i>	
4.00 pm – 4.20 pm	3D reactive transport simulation of uranium in situ leaching — <i>O Regnault, G Petit, V Lagneau, A Le Beux and N Fiet</i>	
4.20 pm – 4.40 pm	Natural attenuation verification for in situ recovery mining — <i>A Marsland-Smith, K Levingstone and K Pelgrim</i>	
4.40 pm – 5.00 pm	Day 1 Closing Remarks: <i>Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair</i>	
7.00 pm for 7.30 pm	CONFERENCE DINNER Panorama 1	

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The AusIMM International Uranium Conference 2017

DAY 2 – Wednesday 7 June 2017

Panorama Rooms Adelaide Convention Centre

8.00 am – 8.30 am	Registration and arrival networking	
Panorama 2&3	SESSION 5: DAY 2 OPENING AND KEYNOTE 2 Session Chair: Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair	
8.30 am – 8.35 am	Day 2 Welcome and Opening Remarks: Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair	
8.35 am – 9.05 am	Keynote Presentation 5: Uranium, nuclear power and Australia's energy debate — <i>Daniel Zavattiero, Executive Director, Minerals Council of Australia</i>	
9.05 am – 9.35 am	Keynote Presentation 6: Uranium in South Australia – exploration for expansion — <i>Dr Paul Heithersay PSM FTSE FSEG, Deputy Chief Executive, Department of the Premier and Cabinet, Government of South Australia</i>	
9.35 am – 9.55 am	Keynote Presentation 7: Global uranium resources – how much is left? — <i>Martin Fairclough, Uranium Specialist, Uranium Resources and Production, International Atomic Energy Agency</i>	
9.55 am – 10.00 am	WIMnet Presentation — <i>Vanessa De Chellis, Environmental Engineer, Land and Water Consulting</i>	
10.00 am – 10.30 am	Morning Tea and Networking Display Tables Panorama Foyer	
Panorama 2–6A Panorama 3–6B	SESSION 6A: GEOLOGY AND EXPLORATION 3 (AUSTRALIA) Session Chair: Peter Waggitt FAusIMM(CP), Director Mining Compliance, Department of Primary Industry and Resources, Northern Territory Government	SESSION 6B: GOVERNMENT AND COMMUNITY RELATIONS Session Chair: Sam Walker, Director Strategic Coordination, Department of the Premier and Cabinet, Government of South Australia
10.30 am – 10.50 am	Resource estimation in a supergene uranium deposit – the Mulga Rock case study — <i>X Moreau</i>	The starting point of safeguards – from conversion to mills — <i>C Vestergaard</i>
10.50 am – 11.10 am	Bowgan Tenement detrital zircon geochronology suggests westward extension of Westmoreland Conglomerate — <i>N Gardiner, C Kirkland and G Price</i>	Regulating the transport of uranium ore concentrates — <i>S Bayer and M Botha</i>
11.10 am – 11.30 am	Neotectonic evolution of the Paralana Fault Zone, Northern Flinders Ranges, South Australia — <i>J Berthiaume, R King, S Holford and M Bunch</i>	Developments in Australia's nuclear cooperation agreements — <i>T de Wright and J Evans</i>
11.30 am – 11.50 am	HCh thermodynamic models of iron oxide copper gold systems of the eastern Gawler Craton, South Australia — <i>C-L Yang, D Giles, C Tiddy and A Fabris</i>	Positive traditional owner engagement – a case study from West Arnhem Land — <i>A Thompson</i>
11.50 am – 12.10 pm	Revisiting and renewing – a geological update on the six shallow groundwater carbonate related uranium deposits in the north-eastern Yilgarn of Western Australia owned by Toro Energy Limited, after four years of sonic core drilling — <i>G J Shirliff, S Kneer and R A Cox</i>	Current status of uranium activities in Mongolia — <i>C Mavag and M Gun-Aajav</i>
12.10 pm – 1.10 pm	Lunch and Networking Display Tables Panorama Foyer	
Panorama 2&3	SESSION 7: MARKET AND SUPPLY DEMAND Session Chair: Daniel Zavattiero, Executive Director, Minerals Council of Australia	
1.10 pm – 1.30 pm	Nuclear performance, dispatchable capacity versus intermittent renewables — <i>I Hore-Lacy</i>	
1.30 pm – 1.50 pm	The emerging production cost gap — <i>N Carter</i>	
1.50 p – 2.10 pm	Australian uranium industry competitiveness assessment — <i>N Haywood and T Duff</i>	
2.10 pm – 2.30 pm	Security of supply in global uranium market – needs and challenges — <i>L Grancea</i>	
2.30 pm – 2.50 pm	The uranium market outlook – patient enthusiasm amid uncertainty — <i>P Plummer and A Christopher</i>	
2.50 pm – 3.10 pm	Uranium supply – is history repeating itself? No, it is likely to be worse — <i>M S Chalmers</i>	
3.10 pm – 3.40 pm	Afternoon Tea and Networking Display Tables Panorama Foyer	
Panorama 2&3	SESSION 8: FINAL Session Chair: Janine Herzig FAusIMM(CP), Board Director, the AusIMM and MetValPty Ltd	
3.40 pm – 4.00 pm	Australia's next uranium producer — <i>D Craib and K Bowes</i>	
4.00 pm – 4.20 pm	Uranium mining projects in Western Australia — <i>G Cobby</i>	
4.20 pm – 4.40 pm	The establishment of site specific water quality objectives for the Ranger uranium mine — <i>K Turner</i>	
4.40 pm – 5.00 pm	UMREG 2016 and a personal overview of UMTRA and the Moab tailings relocation project — <i>P W Waggitt</i>	
5.00 pm – 5.10 pm	Conference Close: Mark Chalmers FAusIMM, The AusIMM International Uranium 2017 Conference Chair	