

7.30 - 8.25 AM

Registration open and arrival networking

SESSION 1: OFFICIAL OPENING AND KEYNOTE

ROOM: RIVERBANK 7,8

 SESSION CHAIR: **MARK CHALMERS** FAUSIMM, THE AUSIMM INTERNATIONAL URANIUM 2018 CONFERENCE CHAIR

8:25 - 8:30 AM

 Welcome from the Conference Chair: **Mark Chalmers** FAUSIMM, AusIMM International Uranium 2018 Conference Chair

8:30 - 8:40 AM

 Address from **Hon. Dan van Holst Pellekaan**, Minister for Energy and Mining

8:40 - 8:45 AM

 Official Conference Opening: **Janine Herzig** FAUSIMM(CP), AusIMM Board Director

8:45 - 9:15 AM

 Keynote Presentation 1: **Dr Paul Heithersay**, Deputy Chief Executive, Department of the Premier and Cabinet, Government of South Australia

9:15 - 9:45 AM

 Keynote Presentation 2: **Michael Angwin**, Associate, Hinton & Associates and Former Chief Executive Officer, Australian Uranium Association

9:45 - 10:15 AM

 Keynote Presentation 3: **Daniel Zavattiero**, Executive Director, Uranium, Minerals Council of Australia

10:15 - 10:35 AM

 The establishment of a Centre for Radiation Research, Education and Training in Adelaide, South Australia - **T. Hooker**, Environment Protection Authority

10:35 - 11:00 AM

MORNING TEA AND NETWORKING DISPLAY TABLES

SESSION 2: GEOLOGY AND EXPLORATION 1

ROOM: RIVERBANK 7,8

 SESSION CHAIR: **DAVID BRUNT** FAUSIMM, BRUNT INVESTMENTS

11:00 - 11:20 AM

 The genesis of "unconformity-type" uranium deposits in Australia and Canada - an historical perspective - **A. Browne** FAUSIMM(CP), Geosynthesis Pty Ltd

11:20 - 11:40 AM

 Mineralogy variations in the Mamadawerre Sandstone, Kombolgie Subgroup, Northern Territory: are diagenetic processes distinguishable from hydrothermal alteration? - **B. Smith** MAUSIMM(CP), NTGS

11:40 AM - 12:00 PM

 Looking North: Where to for Vimy Resources? - **X. Moreau**, Vimy Resources

12:00 - 12:20 PM

 Exploration of the 8 Fingers uranium prospect using biogeochemical methods, Bowgan Uranium Project, Barkly tablelands, Northern Territory - **G. Price** MAUSIMM, Bowgan Minerals Limited

12:20 - 12:40 PM

 The In-Situ Recovery Potential of the Bennet Well Uranium Project, in a Developing Uranium Province of Northern Western Australia - **A. Rao** MAUSIMM, Cauldron Energy Ltd

12:40 - 1:30 PM

LUNCH AND NETWORKING DISPLAY TABLES

SESSION 3: MINING, PROCESSING AND TRANSPORT

ROOM: RIVERBANK 7,8

SESSION CHAIR: **PETER WAGGITT** FAUSIMM(CP), NT DEPARTMENT OF PRIMARY INDUSTRY AND RESOURCES

1:30 - 1:50 PM	Honeymoon Mine Technically De-risked - D. Craib , Boss Resources
1:50 - 2:10 PM	An XAS Study on the U Uptake by Sulfide Minerals In Acidic Conditions - Y. Yang , CSIRO
2:10 - 2:30 PM	Options for Treating a High Grade U/Cu Ore - B. Ring , ANSTO Minerals
2:30 - 2:50 PM	Investigations into the Carbonate Leaching Flowsheet of a Carnotite-in-Calcrete Deposit - S. Burling , ANSTO Minerals
2:50 - 3:10 PM	Field Leach and Ion Exchange Trial at Honeymoon - J. Davidson FAusIMM, Inception Group
3:10 - 3:30 PM	Pressurised Drums – Myths and Mysteries - G. Jobling MAusIMM(CP), Adelaide Control Engineering
3:30 - 4:00 PM	AFTERNOON TEA AND NETWORKING DISPLAY TABLES

SESSION 4: HEALTH, SAFETY AND ENVIRONMENT 1

ROOM: RIVERBANK 7,8

SESSION CHAIR: **JANINE HERZIG** FAUSIMM(CP), AUSIMM BOARD AND METVAL PTY LTD

4:00 - 4:20 PM	Radiation and Uranium Mining - Past, Present and Future Challenges - F. Harris , Rio Tinto
4:20 - 4:40 PM	Uranium mining and Remediation activity in the Northern Territory - P. Waggitt FAusIMM(CP), NT Department of Primary Industry and Resources
4:40 - 5:00 PM	Automating Groundwater Compliance Monitoring in Australian ISR Operations - K. Levingstone , Heathgate Resources
5:00 - 5:20 PM	Implications of changes to radiation dose factors on the mining industry - D. Kruss , Environment Protection Authority
5:20 - 5:40 PM	Rehabilitation Planning at the Ranger Mine - S. Paulka MAusIMM, Energy Resources Of Australia
5:40 - 5:45 PM	Day 1 Closing Remarks: Mark Chalmers FAusIMM, The AusIMM International Uranium 2018 Conference Chair
6:00 - 7:00 PM	NETWORKING DRINKS SPONSORED BY NATIONAL ENERGY RESOURCES AUSTRALIA ROOM: RIVERBANK FOYER
7:00 - 10:00 PM	CONFERENCE DINNER SPONSORED BY BUREAU VERITAS MINERALS PTY LTD ROOM: RIVERBANK 7,8

7.45 – 8.30 AM

Registration open and arrival networking

SESSION 5: DAY 2 OPENING AND KEYNOTE

ROOM: RIVERBANK 7,8

SESSION CHAIR: **MARK CHALMERS** FAUSIMM, AUSIMM INTERNATIONAL
URANIUM 2018 CONFERENCE CHAIR

8:30 - 8:35 AM

Day 2 Welcome and Opening Remarks: **Mark Chalmers** FAusIMM, AusIMM
International Uranium 2018 Conference Chair

8:35 - 9:05 AM

Keynote Presentation 4: **Dr Geoff Currie**, PhD Associate Professor, Medical
Radiation Science, School of Dentistry & Health Sciences, Charles Sturt University

9:05 - 9:35 AM

Keynote Presentation 5: **Peter Woods**, Team Leader, Uranium Resources and
Production, International Atomic Energy Agency

9:35 - 10:05 AM

Keynote Presentation 6: **Dr Andrea Marsland-Smith**, Operations Manager,
Heathgate Resources Pty Ltd

10:05 - 10:25 AM

Uraninite age dating: multiple stages of uranium precipitation at Olympic Dam
- **K. Ehrig** MAusIMM, BHP Olympic Dam

10:25 - 10:30 AM

AusIMM's New Chartered Professional Program
- **P. Waggitt** FAusIMM(CP), NT Department of Primary Industry and Resources

10:30 - 10:55 AM

MORNING TEA AND NETWORKING DISPLAY TABLES

SESSION 6: MARKET SUPPLY AND DEMAND, INTERNATIONAL PROJECTS

ROOM: RIVERBANK 7,8

SESSION CHAIR: **JANINE HERZIG** FAUSIMM(CP), AUSIMM BOARD
AND METVAL PTY LTD

10:55 - 11:15 AM

Uranium Market Outlook - A Cointegrated Approach to an Evolving Supply &
Demand Dynamic - **P. Plummer**, Tradetech

11:15 - 11:35 AM

Nuclear Power in China - **I. Hore-Lacy**, World Nuclear Association

11:35 - 11:55 AM

Using machine learning and natural language processing to streamline and
strengthen nuclear safeguards around uranium mining - **J. Diab**, UNSW

11:55 AM - 12:15 PM

Preparing for final remediation of Central Asia's enduring uranium legacies
- **M. Roberts**, International Atomic Energy Agency

12:15 - 12:35 PM

UMREG Inc 2017 – Meeting report and activity update
- **P. Waggitt** FAusIMM(CP), NT Department of Primary Industry and Resources

12:35 - 12:55 PM

NERA Uranium Projects and Initiatives
- **T. Duff** AAusIMM, NERA (National Energy Resources Australia)

12:55 - 1:55 PM

LUNCH AND NETWORKING DISPLAY TABLES

SESSION 7: PANEL DISCUSSION AND EXPLORATION 2

ROOM: RIVERBANK 7,8

MODERATOR: **DANIEL ZAVATTIERO**, MINERALS COUNCIL OF AUSTRALIA

PANEL DISCUSSION: An exploration of uranium and nuclear industry challenges: (Uranium Industry)

- **Julian Tapp** - Executive Director, Vimy Resources
- **Mark Chalmers** - President and CEO at Energy Fuels Resources Corporation and 2018 Uranium Conference Chair

1:55 - 2:40 PM

(Nuclear Power)

- **Dr Ben Heard** - Founder & Executive Director at Bright New World, University of Adelaide
- **Dr Allison Macfarlane** - Director, the Institute for International Science and Technology Policy, George Washington University, Professor of Science Policy and International Affairs

2:40 - 3:00 PM

Coffinite ages in the Blackbush uranium deposit, South Australia: uranium transport induced by tectonic events - **U. Domnick**, University Of Adelaide

3:00 - 3:20 PM

What do synchrotron X-ray analyses tell us about the state of uranium in mineral ore and mining wastes? - **S. Cumberland**, ANSTO-Australian Synchrotron

3:20 - 3:45 PM

AFTERNOON TEA AND NETWORKING DISPLAY TABLES

SESSION 8: SAFETY, GOVERNMENT AND COMMUNITY RELATIONS

ROOM: RIVERBANK 7,8

SESSION CHAIR: **SAM WALKER** MAUSIMM, SA DEPARTMENT OF PREMIER AND CABINET

3:45 - 4:05 PM

Radiation protection benefits from a trial mining operation – The Mulga Rock case - **X. Moreau**, Vimy Resources

4:05 - 4:25 PM

Community Engagement on Radioactive Waste Management - **R. Mouthaan**, Department Of Industry Innovation And Science

4:25 - 4:45 PM

Western Australian Uranium Policy - **G. Cobby**, Western Australian Department Of Mines, Industry Regulation And Safety

4:45 - 5:05 PM

Uranium Mining in Western Australia – The Mining Safety Regulators Perspective - **M. Ralph**, Department of Mines, Industry Regulation and Safety

5:05 - 5:15 PM

Conference Close: **Mark Chalmers** FAusIMM, AusIMM International Uranium 2018 Conference Chair