



08:00 REGISTRATION & COFFEE

08:30 SESSION 1

08:30	MC Introduction: NICOLE ROOCKE (CEO, MRIWA)
08:35	Welcome to Country
08:45	MC Opening: NICOLE ROOCKE (CEO, MRIWA)
08:55	Keynote Speaker: PETER KLINKEN (WA CHIEF SCIENTIST) Importance of establishing a long-term vision for science and technology in Western Australia.
09:15	Research Project 1 Presentation: PROKOPIY VASILYEV (RESEARCH FELLOW, JOHN DE LAETER CENTRE, CURTIN UNIVERSITY) Geology, Mineralogy and Metallurgy of eMaterials Deposits in WA. The development of a trusted supply chain for Australian battery minerals and products.
09:30	Research Project 2 Presentation: RYAN NOBLE (SENIOR PRINCIPAL RESEARCH SCIENTIST, CSIRO) Multi-scaled near surface exploration using ultrafine soils. The paradigm shift for minerals exploration using ultrafine soils and intelligent data integration tools.
09:45	Research Project 3 Presentation: ANDY FOURIE (PROF OF ENGINEERING AND MATHEMATICAL SCIENCES, UWA) Tailing Storage Facilities Characterisation - Quantifying Seepage Losses Feasibility of Electrokinetic in situ Leaching Safe, sustainable management of filtered tailings Towards a Mechanistic Understanding of Electrokinetic In Situ Leaching
10:00	Fireside Chat: Opportunities, barriers and challenges to curating programs of work to progress foundation research through to utilisation PETER KLINKEN (WA CHIEF SCIENTIST) NICOLE ROOCKE (CEO, MRIWA)
10:25	Closing Comments: NICOLE ROOCKE (CEO, MRIWA)

10:30 MORNING TEA

11:00 SESSION 2

11:00	MC Opening: TIM WALTON (METS RESEARCH PORTFOLIO MANAGER, MRIWA)
11:05	Facilitated Discussion: Field-based XRF for prompt Au analysis and Glycine heap leaching SIMON BOLSTER (CEO, PORTABLE PPB)
11:25	METS Presentation 1: SUE ROBSON (PARTNERSHIPS AND ENGAGEMENT LEAD) Wetland in a Box (EnphytoBox®) - a smart water treatment system to support the decarbonisation of water in mining TM
11:35	METS Presentation 2: SHAWN RYAN (FOUNDER, BIG ROLLER) Energy efficient overland conveying with negative marginal cost of abatement
11:45	METS Presentation 3: PAUL COLLEY (CEO, TOTAL MARINE TECHNOLOGY) Automated Flange Bolting Robot with Camera Vision for Mining and Minerals Processing Infrastructure
11:55	Keynote Speaker: DR MICHELLE CAREY (CHIEF OF STRATEGY, IMDEX) METS business strategy and the impact of the research funding and collaboration
12:15	Closing Comments: TIM WALTON (METS RESEARCH PORTFOLIO MANAGER, MRIWA)

12:30 LUNCH

13:15 SESSION 3

13:15	MC Opening: NICOLE ROOCKE (CEO, MRIWA)
13:25	Research Project 1 Presentation: PETER KINNY (JOHN CURTIN DISTINGUISHED EMERITUS PROFESSOR) Understanding the Mt Weld Carbonatite mineral system - a Critical Minerals super-resource in Western Australia
13:40	Research Project 2 Presentation: LOUIS DE KLERK (RESEARCH AND DEVELOPMENT MANAGER, NORTHERN MINERALS) Microwave Reactor for Critical Minerals providing an example of an industry led technology project we have supported.
13:55	Research Project 3 Presentation: LINA HOCKADAY (SENIOR ENGINEER, CURTIN UNIVERSITY) The upgrading of iron ore for DRI production using products from seawater Demonstration Equipment for Upgrading Iron Ore for DRI Production Using Seawater Reverse Osmosis Brines
14:10	Research Project 4 Presentation: DR HENNING PROMMER (UWA, EKION PTY LTD) Electrokinetic In Situ Recovery for Metal Extraction from Ores, Tailings, and Clays
14:25	Closing Comments

14:30 AFTERNOON TEA

15:00 MRIWA SCIENCE COMMUNICATION AWARDS 2024

15:00	MC Opening and Keynote: PREETI CASTLE (AUSTRALIAN SCIENCE COMMUNICATORS)
15:20	3rd Place Announcement
15:30	2nd Place Announcement
15:40	1st Place Winner Announcement
15:50	Closing Comments: NICOLE ROOCKE (CEO, MRIWA)

16:00 NETWORKING SUNDOWNER

18:00 Event Concludes