PROGRAM

subject to changes

DESWIK CONNECT APAC ASIA PACIFIC 2025

DAY 1 - Tuesday 17th June

	Underground Presentations	Surface Presentations	Operations & Tech Services Presentations	Underground Masterclasses	Surface Masterclasses	Product Feedback Workshops
8:00 - 9:00	Registration & Coffee					
9:00 - 9:30	**Welcome Address**					
9:30 - 10:25	**Full Stack Human - How to Future Proof Yourself** Tané Hunter • Future Crunch In an era where Artificial Intelligence and advanced technologies are rapidly transforming every industry, and everyone has access to the same cutting-edge technology, what truly sets an organisation apart? Enter the Full Stack Human, a new breed of professional that blends technical expertise with emotional intelligence, creativity, and adaptability. These individuals are not just tech-savvy; they are the Swiss Army knives of the world, bridging the gap between code and culture to create transformative solutions. Through engaging stories, dynamic insights from neuroscience, leadership, technology, and a healthy dose of humour, we'll reveal why Full Stack Humans are equipped with the tools to leverage collaboration and future proof themselves and organisations. The future doesn't just belong to those with the best tools, but to those who can rise above the noise and turn technology into true innovation.					
10:25 - 10:50	Break					
10:50 - 11:30	**Developing Long & Mid-Term Schedule Priorities Using APEX** Determining what to mine and when can be challenging in complex operations due to changing constraints. This presentation explores how APEX models these constraints to optimise long and medium-term plans, ensuring alignment with strategic goals.	**When It Rains, It Pours: Managing Mine Site Water** Mine site water management and other applications of the Deswik Water Tools.	**Expanding The Planning Horizon** Connecting your planning horizons to setup for success.	**Pimp My Process Map** Useful tricks and tools to get the most out of Deswik's process map commands.	**Automated Pit Design** This masterclass will show you how to use Deswik SPD Autopit to quickly generate pit designs and design scenarios.	**Deswik MDM Workshop** This workshop will focus on an overview of the upcoming Deswik MDM roadmap with a focus on elements that improved the flow of information across a site to enhance workflow efficiency. An element of the session will be interactive, so we can gather your feedback on these valuable improvements.
11:30 - 12:10	**Stope Optimisation - Applying Cut Off Grade** Explore tools and processes to apply cut off grades to your stope design and optimisation.	**Design & Implementation of a Standardised Integrated Closure Planning Process** As mining operations age world-wide, planning for closure has become a critical requirement, to ensure sound business decisions are made and social responsibilities are met. This case study examines the development of an integrated LoA and closure planning process, designed for application globally across different commodities.	**Deswik OPS Shift Planning & Execution** Find out how Macraes gold mine is using Deswik OPS to improve shift planning and execution.			
12:10 - 12:30	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
12:30 - 13:30	Lunch					
13:30 - 14:10	**Design & Schedule Standardisation** Learn from an underground workflow that utilises standardised attribution and auto design.	**Simulation for Surface Haulage Applications** Capability evaluation for surface haulage applications using simulation to understand the effects of queuing, traffic interactions, dispatch process and unplanned events on performance.	**Underground Drill & Blast - Sandvik Integration** Take a look at the new capabilities built for Sandvik production drills in Deswik UGDB.	**Backfill Planning & Reconciliation** Understand and utilise the backfill tool in complex situations.	**Geomodel Adaptation & Preparation** Explore options to configure and adapt your geomodels to be fit for purpose in optimisation, and design.	**Optimisation Workshop** This workshop will outline the process of selecting an appropriate optimisation module to make better mining and blending decisions. It will identify when optimisation is appropriate, explain the need for multiple optimisation products, highlight the importance of time horizons in tool selection, and provide a guide to selecting the right optimisation module for your mining problem.
14:10 - 14:50	**Narrownomics** A project designed to use dashboards and embedded costs to identify economically viable materials in a narrow vein deposit.	**Optimising Blends for Complex Multi-Mine Value Chains** Learn how a leading Australian coal producer transformed its fragmented, spreadsheet-driven planning into a unified, mathematically optimised system by deploying Deswik BOLT. Discover how this integrated approach unlocked new revenue, and empowered data-driven decisions across all planning horizons.	**Surface Drill & Blast** Explore the latest features and developments for our surface drilling and blasting solution.			
14:50 - 15:10	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
15:10 - 15:40	Break					
15:40 - 16:20	**Shotcrete Thickness Assessment** Generating smooth tunnel profile shapes based on as-built and design slices to rationalise shotcrete requirements.	**Resolving & Preventing Common Design & Operational Issues** Highlighting a number of tips and tricks to avoid common errors and operational problems in both open pit designs and the scheduling there-of.	**Data Management for Survey** Creating a single source of truth for your mine's as-built information.	**Scheduler Troubleshooting & Underground Decision Auditing** Tips and tricks for troubleshooting and auditing your schedule.	**'High Voltage' Deswik LHS** Using Deswik LHS to compare diesel and electrification scenarios with scenario reporting in PowerBI.	**Deswik Spatial Workshop** This workshop will showcase a selection of new features that are coming up on the Spatial roadmap. The session will be interactive and we invite questions and discussion on the features being discussed. We will be asking you what needs you might have in the future for your Spatial tasks, where your operations are going, what big considerations are coming in your role and for your sites.
16:20 - 17:00	**Vertical Infrastructure Risk Management in Deswik MDM** Understanding risks and monitoring frequency of vertical infrastructure in underground mines can be difficult to track. See how George Fisher has utilised attributing and MDM workflows to enhance vertical opening monitoring and scheduling of inspections based on risk rating.	**Navigating The Quirks of Mineral Sands** This presentation introduces some of the quirks of Mineral Sands mine planning, and shows how Deswik can address them with some creativity.	**Benefits of Survey Using Deswik** How migrating the survey department onto Deswik can improve the flow of information in your operation.			
17:00 - 17:20	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
17:30 - 21:30	**Welcome Dinner**					

DAY 2 - Wednesday 18th June

	Underground Presentations	Surface Presentations	Operations & Tech Services Presentations	Underground Masterclasses	Surface Masterclasses	Product Feedback Workshops
8:30 - 9:00	Coffee					
9:00 - 9:40	**The Deswik Vision** Hear from our CTO about the strategic direction of Deswik and some of the long-term plans we are working on. We'll discuss some of the latest release plans for Deswik Suite, bigger projects in development across the portfolio and how our customers help drive these plans and projects.					
9:40 - 10:20	**Managing Data & Risk** Workforce safety is mining companies' top priority, and as businesses grow and adopt new technologies and systems, so must their approach to data management. To mitigate health and safety risks posed by rapidly accumulating data in functions such as mine planning, the most important thing is that companies act fast to put appropriate measures in place. The longer we wait, the harder this problem is going to be to solve because the amount of data that mines produce is only going to increase. In this presentation, we'll discuss the risks of outdated data and why modern data management systems are becoming increasingly important.					
10:25 - 10:50	Break					
10:50 - 11:30	**Industrial Mathematics Driving Optimisation Advances in Underground Mining** Explore advances in the application of mathematical optimisation techniques to maximise the value of underground mineral reserves. When applied to strategic mine planning, these techniques address complex challenges such as cut-off grade selection, CAPEX and OPEX timing, and bottleneck identification.	**Pit Optimisation to Strategic Schedule in Hours, Not Days** Find out how Deswik GO and Deswik SPD work together to provide quick efficient strategic planning workflows.	**Deswik OPS Weekly Planning** A case study showing how Deswik OPS has changed planning and execution at Anglo Gold Ashanti's Sunrise Dam.	**Auto Design Tool** We'll show you how to create a simple mine design (longitudinal LHOS) using the Auto Design tool.	**Pit Optimisation Tips & Tricks** Discover the shift from traditional pit optimisation to Direct Block Scheduling (DBS) and learn best practices for project setup and modelling with Deswik GO - Streamline workflows and unlock greater value.	**Deswik ORB Workshop** A discussion around introducing caving production into ORB, what we've done in this space versus where we can go with similar logic and optimisation methods.
11:30 - 12:10		**Optimised Pathfinding for Road Design** Find the best road corridor from A to B, minimising cut/fill volumes and haul distance.	**Weekly Planning at Cannington** Find out how Cannington silver and lead mine is using Deswik OPS to improve operational planning processes.			
12:10 - 12:30	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
12:30 - 13:30	Lunch					
13:30 - 14:10	**Case Study: Small-Medium Size Deswik MDM Implementation** A common misconception is that MDM is for large clients and sites only. This presentation will recap an MDM implementation at a smaller scale site.	**New Product Launch** Join us for an exciting presentation as we unveil the next-generation Deswik planning tool for open pit mines.	**BEV Operations Analysis for Underground & Surface Haulage** Haulage simulation can be used to evaluate BEV performance with consideration for the effects of dispatch constraints on productivity.	**Dependencies** Application of automatic dependency rules, with practical tips for managing both automatic and manual dependencies efficiently.	**Getting Savvy With Deswik Spatial** In this masterclass we'll run through a menagerie of lesser known tips and tricks in Deswik Spatial.	**Drill & Blast Workshop** Let's explore the next steps for Measure While Drilling data in Deswik Spatial. An interactive session where we'll discuss what can or can't be done right now, where we're headed and what the challenges are that we're working on.
14:10 - 14:50	**Realising the Value of Reporting** Insight into how data standardisation can power reporting outputs.		**Applying ORB to SLC Production Dispatch** This presentation explores the evolution of Deswik's ORB at a sub-level caving operation and its data capture initiatives. It highlights key successes in deploying real-time dashboards, running production dispatch, and orepass accounting & dispatch. It also delves into essential lessons learned, emphasising that a clear production philosophy is crucial for guiding decision-making and ensuring effective implementation.			
14:50 - 15:10	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
15:10 - 15:40	Break					
15:40 - 16:20	**Using Simulation to Enhance the Mine Planning Process** Operational debottlenecking is a key step in the process of developing a mine design and plan that is capable of meeting production targets. This presentation explains the analysis of operational constraints for the Didipio mine expansion.	**Industrial Mathematics Driving Optimisation Advances in Surface Operations** Since the 1980s where Whittle introduced the first optimisation software for open pit mines, significant progress has been made in modelling surface operations across the mine value chain. This presentation explores how optimised decisions can be made from the block model through to the final delivery of product to the customer.	**Geotech Mapping in Deswik MDM** A case study on utilising Deswik Mapping to capture inspection data in Deswik MDM and schedule rehabilitation.	**Underground Spatial Tips & Tricks** Starting with a simple polyline design, this masterclass will show you how to use a process map for your attributing.	**Managing Drainage & Rehabilitation Requirements with Deswik's Enviro Tools** Deswik's Enviro Tools assist in surface water management and mine rehabilitation activities – ranging from water catchment analysis, landform reshaping, and dozer push modelling. A key feature is how simple the inputs can be, to generate comprehensive outputs. Learn how you can harness this functionality at your operation.	**Deswik OPS Workshop** A workshop focused on enhancing operational planning in Deswik.
16:20 - 17:00	**Scheduling Heuristics** We'll be presenting example uses of the variations and distributions tool to simulate probabilistic outcomes in underground mining.	**Unlocking Value Chain Optimisation With a Digital Mining System** Operating mining value chains from pit to port requires seamless coordination across diverse planning processes and disparate data sources. In this presentation, we discuss the implementation of a digital mining system and a mine-to-market optimisation tool, to achieve substantial improvements in efficiency and cost savings.	**Geomodel Formats** Over the last couple of years Deswik has been rewriting our geomodel formats from the ground up, dragging them into the modern world. Join us to talk about the latest developments in this space.			
17:00 - 17:20	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
18:00 - 23:00	**Conference Dinner**					

DAY 3 - Thursday 19th June

	Underground Presentations	Surface Presentations	Operations & Tech Services Presentations	Underground Masterclasses	Surface Masterclasses	Product Feedback Workshops
9:30 - 10:00	Coffee					
10:00 - 10:40	**External Factors Affecting Producers - Downstream Considerations** In today's complex mining environment, many factors affect a mine's efficiency and profitability, making coordination among supply chain stakeholders essential. This presentation highlights how third-party providers and optimisation tools like RACE improve efficiency and throughput in shared rail and port infrastructure for everyone's benefit.					
10:40 - 11:10	Break					
11:10 - 11:50	**SLC Block Caving** In this session we will provide an overview of combining an operating SLC mine schedule with an expansion Block Cave schedule.	**Rio Tinto Iron Ore's Lead Up to Probe Deswik GO** This presentation will summarise the differences between the historical approach to pit optimisation, versus opportunities Direct Block Scheduling can potentially unlock and how this is of relevance for Rio Tinto's iron ore business.	**Revolutionising Caving Productivity at Cadia Valley with Deswik ORB** Advances in computing and mathematical optimisation have enabled significant progress in automating mining decisions. At Newmont's Cadia Valley, we examine the impact of the world's first highly automated short-interval control system, on maximising cave productivity.	**Survey for Underground** Streamline your survey processing and reporting in Deswik.	**Open Pit Drill & Blast** This masterclass will show you how to do a drill & blast design from a baseline, copy to a new pattern, use the plane definition attributes in plots and use alternative target surfaces.	**Deswik Enviro Tools Workshop** An interactive workshop on the future plans for Deswik's Enviro Tools.
11:50 - 12:30	**Permit To Tunnel** Permit To Tunnel is the industry standard approach for ensuring ongoing tunnelling works are following Geological and Survey as-builts. By using MDM over the standard Excel approach Deswik and John Holland are looking to bring the process into the digital 21st century on the Borumba PHES Project.	**Applications for Direct Block Scheduling** In this session we'll provide case study examples of the application of Direct Block Scheduling for strategic planning.	**Which Tool? Which Lever? How to Leverage Digital Tools for Your Site** The secret sauce to getting your bonus. A systematised approach to increasing mine output.			
12:30 - 12:50	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
12:50 - 13:50	Lunch					
13:50 - 14:30	**Simulation of Block Cave Operations Using Deswik DES** An overview of simulation analysis of alternative production level layout designs, operating strategies and equipment types used to guide development of the Carrapateena Block Cave Mine.	**Cable Network Solver for Decarbonisation Planning** The mining industry's shift towards decarbonisation necessitates the electrification of heavy machinery, introducing complex cable network management challenges. The Cable Network Solver improves confidence in electrification assumptions by solving and assessing cable networks over time.	**You've 'Gone Digital'. What Now?** Designing digital tools for transformation, not just digitisation.	**Underground Drill & Blast - Blast Design** Useful tricks and tools to get the most out of Deswik UGDB.	**Don't Forget About the Dragline - Deswik Hasn't!** Join this masterclass to learn how Deswik Spatial can streamline your dragline reserving process, for any planning horizon. Also learn about some features in Deswik which will help integrate and support third party software critical to the dragline planning process.	**Deswik Planning Workshop** This interactive feedback session is designed to gather valuable insights and experiences from users who integrate multiple Deswik modules into their mine planning processes. Share your challenges, successes, and suggestions to help us enhance the efficiency and effectiveness of these workflows. Your feedback is crucial in shaping future improvements and ensuring that Deswik tools continue to meet the evolving needs of the mining industry.
14:30 - 15:10	**Streamlining SLC Design & Scheduling** This presentation will provide insights from the Deswik Caving and PGCA workflow, to demonstrate how to utilise PGCA in Deswik to quickly produce SLC designs, and run scenarios on a varity of metrics.	**Mining Path Sequencing - Forecasting With Polygons** A case study on using Mining Path Sequencing to forecast an open pit mine.	**Deswik Enterprise Products** Understand the current integration potential between Deswik's enterprise products; Deswik OPS, Apps and MDM.			
15:10 - 15:30	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
15:30 - 15:45	Break					
15:45 - 16:00	**Closing Address**					
16:00 - 17:00	**Farewell Drinks**					

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