PROGRAM

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** Andrew Pyne - Deswik					
9:30 - 10:25	**The Concept of Full Stack Humans** Tanè Hunter - Future Crunch Discover why the future belongs to Full Stack Humans - professionals who combine technical expertise with emotional intelligence, adaptability, and creativity to bridge the gap between technology and leadership. In this keynote, Tanè will reveal how mining engineers and professionals can leverage these skills to drive innovation, collaboration, and lasting impact in a rapidly evolving industry.					
10:25 - 10:50	Break					
10:50 - 11:30	**Developing Long & Mid-Term Schedule Priorities Using APEX** Dominic Hines - Glencore Tony Jiang - The Minserve Group 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.	**Smart Closure: Optimising Design & Equipment Strategy for Mine Rehabilitation** Mario Sefin & Samuel Thorne - Prime Mining Efficient and effective final landforms leveraging Deswik's Enviro Tools.	**Implementing a Site Wide Management Operating System Centred on Deswik OPS** Amos Gould & Robert MacLagan - New Gold Sean Turcotte - Deswik Explore New Gold's journey in implementing a Management Operating System at their New Afton Mine. Learn how engineering, operations, maintenance, and dispatch coordinate their efforts using Deswik OPS to enhance efficiency and collaboration.	**Pimp My Process Map** Michael Pritchard - Deswik Useful tricks and tools to get the most out of Deswik's process map commands.	**Geomodel Adaptation & Preparation** Yan Xia - Deswik Explore options to configure and adapt your geomodels to be fit for purpose in optimisation, and design.	**Deswik MDM Workshop** Ben Groeneveld - Deswik 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** Cary Cooper - Deswik Take a closer look at custom frameworks, the bulk editor and settings injection.	**Design & Implementation of a Standardised Integrated Closure Planning Process** Yu Nakagawa & Tung Le - Deswik 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.	**Streamlining Operations: Sandvik & Deswik Integrations** Elen Toodu - Sandvik Learn more about Deswik's role in the Sandvik digital ecosystem and how integrating these solutions enables smarter decision-making across the mining value chain.			**Let's Talk MDM** An opportunity to have informal conversations with our product manager for MDM.
12:10 - 12:30	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
12:30 - 13:30	Lunch					
13:30 - 14:10	**Underground Standardised Workflow** Damien Hersant - Deswik With fewer people entering the industry there is a drive to automate repetitive tasks, produce results rapidly and allow more "thinking" time for engineers. The Underground Standardised Workflow facilitates this need by utilising the Auto-Development Designer functionality and standardised structures to create high level mine designs and schedules in half the time.	**Simulation for Surface Haulage Applications** Colin Eustace - Deswik 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** Cary Cooper - Deswik Take a look at the new capabilities built for Sandvik production drills in Deswik.UGDB.	**Ventsim & Deswik Integration** Dan Cassidy - Deswik Detailing methods of cleaning up and exporting design centerlines to Ventsim. Also methods for creating design centerlines from As-builts. As well as how to import data back into Deswik from Ventsim and how to display it. A Process Map has been developed for this presentation to streamline this process.	**Automated Pit Design** Nigel Forsyth - Deswik This masterclass will show you how to use Deswik SPD Autopit to quickly generate pit designs and design scenarios.	**Optimisation Workshop** David Rahal - Deswik Outlining the process of selecting an appropriate optimisation module to make better mining and blending decisions. We 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 module for your mining problem.
14:10 - 14:50	**Narrownomics** Josh Kennedy - Deswik 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** Shannon Wotley & Clive Robertson - Anglo American 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.	**Expanding The Planning Horizon** Joseph Hoang & Sean Turcotte - Deswik Connecting your planning horizons to setup for success.			**Let's Talk Optimisation** Opportunity to have informal conversations with our product manager for Optimisation.
14:50 - 15:10	**Panel Discussion**	**Panel Discussion**	**Panel Discussion**			
15:10 - 15:40	Break					
15:40 - 16:20	**Optimising Shotcrete Geometry in Drill & Blast Tunnels** Pat Banks - Banks Engineering Jean-Luc Lejeune - Tunnelling Solutions Generating smooth tunnel profile shapes based on as-built and design slices to rationalise shotcrete requirements.	**General Advice for Open Pit Mine Planning Engineers** Julian Poniewierski - JMPstart Mine Technical Service A discussion (with examples) on how Understanding Your Work Environment, and the topics you should know more about, will help you succeed as a technical mining engineer involved in mine planning. It starts with knowing how to keep a CEO happy!	**Data Management for Survey** Luke Waller - Deswik Creating a single source of truth for your mine's as-built information.	**Resource Levelling for Different Planning Horizons** Wayne Race - Deswik Review the different types of Resource Assignment for an Underground Schedule and outline best practice for Multiple Resource Assignment including Auditing and checks.	**'High Voltage' Deswik LHS** Kevin Braund - Deswik This masterclass will cover setup of electric haulage components and LHS scenarios. The resulting data, along with diesel LHS scenarios will be run through multiple levels of the LHS Reporting and Analysis. The reporting and analysis tools demonstrated in this masterclass, will provide a tool set which any LHS planner can readily expand upon to guide future LHS optimisation of mine plans.	**Deswik Spatial Workshop** Nick Anderson - Deswik This workshop will showcase a selection of new features that are coming up on the Spatial roadmap and invite questions and discussion. 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** Brayden Burchman - Glencore Alex Greenhalgh - Deswik 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** Tate Baillie - AMC Consultants 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** Stephen Rowse - Deswik How migrating the survey department onto Deswik can improve the flow of information in your operation.			**Let's Talk Spatial** Opportunity to have informal conversations with our product manager for Spatial.
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	Registration & Coffee					
9:00 - 9:40	**Working Backwards for Innovation** Glenn Wylde - Deswik Hear our CTO discuss some principles and pitfalls of innovation and how these help shape our future at Deswik.					
9:40 - 10:20	**Safety Risks of Increased Data Generation in the Mining Industry** Jay Gillon - Deswik Not so long ago, the primary use of data in the mining industry was to track, report, and predict performance. Over the past several years, we have seen an industry wide recognition of the power of data to improve operational efficiency and maximise portfolio value. While the data generated by new technologies delivers organisational value, workforce safety remains mining companies' top priority. As mining continues its transformation to becoming a data-driven industry, the importance of data management on worker health and safety cannot be overlooked. In this presentation, we will use real world examples of data management in mine planning to highlight the safety risks posed by the rapid accumulation of data, the limitations of legacy data management processes, how next generation data management systems overcome these limitations, and the importance of mitigating data management risk as quickly as possible.					
10:20 - 10:50	Break					
10:50 - 11:30	**How Industrial Mathematics is Driving Optimisation Advances in Underground Mining** Jackson Richards - Deswik 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** Steven DiFilippo & James Macpherson - Deswik Find out how Deswik GO and Deswik SPD work together to provide quick efficient strategic planning workflows.	**Deswik OPS Weekly Planning** Prosper Soka & Simon Woodward - Anglo Gold Ashanti A case study showing how Deswik OPS has changed planning and execution at Anglo Gold Ashanti's Sunrise Dam.	**Auto Design Tool** Jared Olmos - Deswik Discover how to efficiently design a basic longitudinal LHOS mine using the Auto Design tool. This step-by-step guide will help you streamline your mine design process, making mine planning faster and more precise. By the end, you'll have the skills to create a practical mine design with ease, improving both productivity and decision-making.	**Pit Optimisation Tips & Tricks** Carlos Jimenez - Deswik 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 Spatial Workshop** Nick Anderson - Deswik This workshop will showcase a selection of new features that are coming up on the Spatial roadmap and invite questions and discussion. 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.
11:30 - 12:10	**How Industrial Mathematics is Enabling Value Driven Scenario Analysis** Joyce Chung - Deswik Building on the foundations, this session dives into real-world use cases where Industrial Mathematics delivers rapid, repeatable scenario analysis. The session will demonstrate how optimisers can evaluate options in cut-off grade, CAPEX/OPEX timing, and bottleneck scenarios in minutes.	**Optimised Pathfinding for Road Design** Pat Banks - Banks Engineering Find the best road corridor from A to B, minimising cut/fill volumes and haul distance.	**Weekly Planning at Cannington** Kaiden Shipley - South32 Find out how Cannington silver and lead mine is using Deswik OPS to improve operational planning processes.			**Let's Talk Spatial** Opportunity to have informal conversations with our product manager for Spatial.
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** Matthew Birchley - 29 Metals 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.	**Design & Scheduling Tips for Open Pit Mine Planning Engineers** Julian Poniewierski - JMPstart Mine Technical Service Practical advice and tips on open pit design and scheduling processes that will help you create better and more reliable designs and schedules. Things I've found useful – and now passing on to the next generation.	**Materials Handling System Simulation Analysis** Colin Eustace - Deswik Simulation can be used to evaluate capability for materials handling and processing systems with consideration for maintenance requirements and unplanned failures. This presentation provides an introduction to simulation for MHS and continuous mining systems.	**Dependencies** Sarah Cassidy - Deswik Application of automatic dependency rules, with practical tips for managing both automatic and manual dependencies efficiently.	**Getting Savvy With Deswik Spatial** Michael Neale - Deswik In this masterclass we'll run through a menagerie of lesser known tips and tricks in Deswik Spatial.	**Drill & Blast Workshop** Cary Cooper - Deswik 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** Luke Waller - Deswik Insight into how data standardisation can power reporting outputs.	**New Product Launch** Matt McHale & Steven DiFilippo - Deswik Join us for an exciting presentation as we unveil the next-generation Deswik planning tool for open pit mines.	**Applying ORB to SLC Production Dispatch** Jack Wellington - BHP 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 prepas 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.			**Let's Talk Drill & Blast** Opportunity to have informal conversations with our product manager for Drill & Blast.
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** Colin Eustace - Deswik 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 in the Philippines.	**Industrial Mathematics Driving Optimisation Advances in Surface Operations** Tao Vink & David Rahal - Deswik 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** John Janjani & Yaser Safari - Glencore A case study on utilising Deswik Mapping to capture inspection data in Deswik MDM and schedule rehabilitation.	**Underground Spatial Tips & Tricks** Nicholas Reed - Deswik 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** Tung Le - Deswik 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** Charlotte Schmitz - Deswik A workshop focused on enhancing operational planning in Deswik.
16:20 - 17:00	**Probabilistic Scheduling** Angus Roe - Deswik 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** Tao Vink - Deswik 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** Paul Rees - Deswik 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.			**Let's Talk OPS** Opportunity to have informal conversations with our product manager for OPS.
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	Registration & Coffee					
10:00 - 10:40	**External Factors Affecting Producers - Downstream Considerations** Ben Hollis - Deswik 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	**Integrated Block Cave and SLC Schedule** Scott Mariager - BHP Wayne Race - Deswik This presentation will review the processes followed by Deswik and BHP Carapateena to update an existing Deswik Sub Level Cave project to include the addition of a new Block cave. It will outline some of the approaches taken to ensure a long-term viable CAD and Schedule file that enables timely reporting for ongoing Budget and LOM purposes but also allow for scenario generation.	**Rio Tinto Iron Ore's Lead Up to Probe Deswik GO** Stefan Rohrmoser - Rio Tinto 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** Peter Kontos & Amy Chan - Deswik Advances in computing and mathematical optimisation have enabled significant progress in automating mining decisions. We examine the impact of the world's first highly automated short-interval control system, on maximising cave productivity.	**Underground Drill & Blast - Blast Design** Sarah Cassidy - Deswik Useful tricks and tools to get the most out of Deswik.UGDB.	**Open Pit Drill & Blast** Alvaro Pena - Deswik This masterclass will show you how to do a drill & blast sequence using Deswik.Spatial and Planning, design from a baseline and use the plane definition attributes in plots.	**Deswik Enviro Tools Workshop** Ainsley Ferrier - Deswik An interactive workshop on the future plans for Deswik's Enviro Tools.
11:50 - 12:30	**Permit To Tunnel** Kaylah Mackintosh - John Holland Richard Hawkey - Deswik 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** Pablo Abalos - Alicanto Labs This talk presents the Direct Block Scheduling (DBS) methodology, an innovative approach aimed at maximizing Net Present Value (NPV) in mine planning operations. Through case examples, this talk will demonstrate these advantages, highlighting how DBS not only optimizes NPV but also enhances the efficiency and sustainability of mining planning processes.	**Which Tool? Which Lever? How to Leverage Digital Tools for Your Site** Joanna Martyr - Deswik The secret sauce to getting your bonus. A systematised approach to increasing mine output.			**Let's Talk Enviro** Opportunity to have informal conversations with our product manager for EnviroTools.
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** Scott Mariager - BHP Colin Eustace - Deswik 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** Michael Neale - Deswik 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.	**Deswik Enterprise Products** Michael Pritchard - Deswik Understand the current integration potential between Deswik's enterprise products; Deswik OPS, Apps and MDM.	**Survey for Underground** James Walton - Deswik Streamline your survey processing and reporting in Deswik.	**Don't Forget About the Dragline - Deswik Hasn't!** Shane Bellamy - Deswik 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** Matt McHale - Deswik 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	**Case Study: Strategic Directional Study & SLC Workflow** Shaun Ritchie - Glencore Luke Babao - Deswik An overview of a strategic desktop study by Glencore Zinc Projects in collaboration with Deswik. This includes evaluating options for SLC and Sublevel Shrinkage mining methods and outlining the workflow between Deswik.Suite, Deswik.Caving and PGCA products. The study was expanded to test the strategic fit of caving scenarios by flexing PGCA settings.	**Mining Path Sequencing - Forecasting With Polygons** Kyle D'Sylva - Glencore Daniel Thomas - Deswik A case study on using Mining Path Sequencing to forecast an open pit mine.				**Let's Talk Planning** Opportunity to have informal conversations with our product manager for Planning.
15:10 - 15:30	**Panel Discussion**	**Panel Discussion**				
15:30 - 15:45	Break					
15:45 - 16:00	**Closing Address**					
16:00 - 17:00	**Farewell Drinks**					