



Wednesday 3 May 2023

# Nickel-Cobalt-Copper Conference

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7.30am	Presenter Briefing	Goldsworthy
8.00am – 5.30pm	Registration Desk Open	Foyer 1
8.30am	Arrival Tea and Coffee	Grand River Foyer
9:00am	OPENING SESSION	Grand River Ballroom
9.00am	<b>Welcome by the Conference Chair</b> <b>Alan Taylor, ALTA Metallurgical Services</b>	
	<b>Chair: Mark Benz, MRB International Consulting, Canada</b>	
9.05am	<b>The Potential of Waste Pyrrhotites In Addressing Sustainability – Replacing Oil Industry Sulphur and Carbon</b> <b>Mike Dry, Arithmetec, Canada</b>	
	<i>Forum: Production of Ni &amp; Co Products for the Battery Industry</i>	
9.35am	<b>Production of Metal-Nickel-Cobalt-Manganese Mixtures with Tailored Compositions from Cobalt-Rich Lithium-ion Battery Leachates by Solvent Extraction</b> <b>Niklas Jantunen, LUT University, Finland</b>	
10.05am	<b>The production of Battery Grade Nickel Sulphate from Varying Feed Sources</b> <b>Nipen Shah, JordProxa, Australia</b>	
10.35am – 11.05am	<b>MORNING TEA</b> <i>Sponsored by</i>	 <b>Golden Ballroom</b>
	<b>Chair: Bord Willis, Boyd Willis Hydromet Consulting, Australia</b>	
11.05am	<b>Jonquest Range Products for Metal Recycling</b> <b>Chiara Francesca Carrozza, Italmatch Chemicals Spa, Italy</b>	
11.35am	<b>2023 Update on the Terrafame Nickel Operation</b> <b>Antti Arpalahti, Terrafame Ltd, Finland</b>	
12.05pm	<b>Update on Meta Nickel Gordes Operation</b> <b>Onur Birol, Meta Nickel, Turkiye</b>	
12.35pm – 1.35pm	LUNCH	Golden Ballroom
	<b>Chair: Mike Dry, Arithmetec, Canada</b>	
1.35pm	<b>Incorporation of Black Mass Recycling into A Hydrometallurgical Refinery</b> <b>Adam Fischmann, Clean TeQ Water, Australia</b>	
2.05pm	<b>Detail Design of a Novel Leach Circuit for the Tech Project</b> <b>Wolfgang Keller, EKATO RMT, Germany</b>	
2.35pm	<b>Western Australian PCAM Hub – Refining the Future with PBT's NMC Direct™</b> <b>Marie Cyprien, Pure Battery Technologies, Australia</b>	

3.05pm – 3.35pm	<b>AFTERNOON TEA</b> <i>Sponsored by</i> 	<i>Golden Ballroom</i>
	<b>Chair: Alan Taylor, ALTA Metallurgical Services, Australia</b>	
3.35pm	<b>Lithium-ion-Battery Recycling from EV Using Pyrometallurgical and Hydrometallurgical Process Combinations</b> <b>Toshihiko Nagakura, Sumitomo Metal Mining Co, Japan</b>	
4.05pm	<b>Panel: Production of Nickel and Cobalt Products for the Battery Industry</b> <b>Chair: Alan Taylor, ALTA Metallurgical Services, Australia</b>	
	Student Volunteer: Lauren Harding, <i>University of Western Australia</i>	
4.35pm	<b>Nickel-Cobalt-Copper Conference Concludes</b>	