

06 May | Underground Mining Stream

09:00	From first discussion to daily routine: Embedding BEVs as an integral part of underground operations <i>Mark Ryan, Normet</i> <i>Chrisjan Clappen, Normet Mongolia</i>
09:30	Scania and LKAB: Making zero emission mining possible by partnership <i>Ebrahim Nikafroozi, Scania CV AB</i>
09:55	Battery-electric, autonomous trolley operation <i>Mattias Pettersson, Epiroc</i> <i>Rikard Mäki, Boliden</i> <i>Nic Beutler, ABB</i>
10:20	Recharge and Refuel Break (Sponsored by Komatsu and Cummins)
10:50	Electrification: An enabler of safer, more efficient and more productive mining <i>Martin Pichette, Eldorado Gold</i>
11:10	Upping the automation ante on BEV loaders <i>Speaker TBC</i>
11:30	PANEL: Compare and contrast: Approaches to fleet electrification <i>Tommi Valkonen, Sandvik Mining (Moderator)</i> <i>Martin Pichette, Eldorado Gold</i> <i>Brian Huff, Sandvik Mining</i>
12:10	Leveraging IPCC thinking in underground conveyor applications <i>Ulf Richter, ABB</i> <i>Mining Company speaker (TBC)</i>
12:35	Next-generation scaling: Zero emissions and autonomous navigation <i>Jesse Sainio, Tapojärvi</i> <i>Leevi Hannula, Mechatronics Research Group, Tampere University</i>
13:00	Lunch on the Exhibition Floor
14:00	Underground mine electrification presentation <i>Speakers TBC</i>
14:25	Beyond the battery pack: A holistic approach to battery safety in mining <i>Fredrik Martinsson, Epiroc</i>
14:50	Recharge and Refuel Break (Sponsored by Komatsu and Cummins)
15:20	From pilot to proof: How consortium models are accelerating BEV adoption in underground mining <i>Tom Krumins, Vale Base Metals,</i> <i>Don Toporowski, CEO, ReThink Mining</i>
15:50	The Komatsu WX14LPE: Advancing underground mining through tethered electric innovation <i>Alfred Marek, Komatsu</i> <i>Lars Rickfelder, K+S</i>
16:20	PANEL: Taking a ground-up approach to electric light vehicle development <i>Paul Moore, International Mining Events (Moderator)</i> <i>Benjamin Jakob, JMV</i> <i>Steffen Mutschler, Bosch Rexroth</i> <i>T-Engineering speaker TBC</i>