

MMH

V Mining & Minerals Hall MMH 2024

Meeting point towards
a sustainable future

Seville
15-17th october 2024

Conference schedule



ORGANISED BY



PROMOTED BY



Day 1: Tuesday, 15th October

	Main Auditorium	Conference Room Aminer	Conference Room Cobre
09.30 h.	<p>Welcome Opening Ceremony and stands visit (9.00-11.30 h.)</p>		
10.00 h.			
10.30 h.			
11.00 h.			
11.30 h.			
Networking Coffee Break			
12.00 h.	<p>Keynote Speech Jan Moström CEO LKAB & President Euromines</p>		
12.30 h.	<p>Panel Discussion Critical Raw Materials Act (I) <i>Challenges and current importance of critical raw materials</i> Moderator Javier Targhetta (Chief Executive Officer of Atlantic Copper) Juan Luis Domínguez (Head of Project Execution Siemens Energy) Jan Moström (CEO LKAB & President Euromines) Jesús Portillo (General Director of Mines - Junta de Andalucía) ChangHwan Kim (Senior Vice President and Head of Hyundai-Kia's Battery Development and Hydrogen and Fuel Cell Development)</p>	<p>Julio Matesanz Muñoz (Trinity Energy Storage) <i>Aljarafe Project: first spanish project for hydrogen storage in depleted deposits</i></p>	<p>Dr. Héctor Anabalón Aburto (AlertPlus) <i>Detection of the target level of acute fatigue with technology in mining workers</i></p>
13.00 h.		<p>Scott Mattson (Komatsu) <i>Zero-Emission Equipment Transition, OEM Perspective</i></p>	<p>Ramón Hervás Fernández (Universidad de Castilla La Mancha - Escuela de Ingeniería Minera de Almadén) <i>Analysis of mining safety: the spanish dss and its analogies in surrounding countries</i></p>
13.30 h.		<p>Unai Gamboa Agorreta (Abel Equipos SA) <i>Impact of the availability of the piston-membrane pump in mine backfill: savings in cement costs</i></p>	<p>Miguel Laguillo Sabás (Molins) <i>Improving safety in quarries by segregation of open spaces with 5S methodology</i></p>
14.00 h.			
Lunch			
16.00 h.	<p>Panel Discussion Critical Raw Materials Act (II) - Roadmap & Permitting for Spain Moderator Fernando Aráuz (Dtor. Permitting & Development Mining Projects - Atalaya Mining) Encarnación Montoya (Director of the Chair of Mining Studies AMINER University of Seville) Manuel Vázquez (Technical Advisor- General Directorate of Mines- Andalusian Government) Pedro Jiménez (Partner of VRIVM Legal) Antonio Barranco (Deputy Director of Technical Coordination - Minera los Frailes)</p>	<p>Jason Bowsher (Freeport-McMoRan) <i>Decarbonization Pathways</i></p>	<p>Samuel Álvarez Pérez (YNSAT) <i>Satellite imagery and AI for mining</i></p>
16.30 h.		<p>Johnny Key (Freeport-McMoRan Inc.) <i>Innovations in Decarbonization Strategy and Critical Material Production</i></p>	<p>Abraham Balaguera Tarife (Geociencias Barcelona -CSIC) <i>Application of machine learning for geophysical subsurface analysis at Riotinto mine, Spain</i></p>
17.00 h.	<p>Joaquín Gotor Martínez (Cobre Las Cruces) <i>Innovation in the Las Cruces polymetalurgical copper refinery project</i></p>	<p>Paula Fernández - Canteli Álvarez (IGME-CSIC) <i>Geological storage in Spain: possibilities and perspective</i></p>	<p>Julio Manuel de Luis Ruíz (Universidad de Cantabria) <i>New exploration techniques based on 4D digital models and thermal sensors installed in low-cost UAV</i></p>
17.30 h.	<p>Eva María Laín Rodríguez (Lain Technologies SL) <i>E-LIX Process. "Hydrometallurgical Commitment to a Green Future"</i></p>	<p>Esther Alonso (Atlantic Copper) <i>Atlantic Copper's experience in the Energy Transition</i></p>	<p>J. Carlos Catalina Hernández (Multispectral Microscopic Technologies) <i>advanced mineralogical characterisation of metallic ores by multispectral microscopy as a support for geometallurgy</i></p>
18.00 h.		<p>Carlos Mellerio del Río (Sociedad Española de Carburos Metálicos SA) <i>Hydrogen solutions for energy transition</i></p>	
		<p>José Luis Celorrio (CEO Indutec Energía) <i>Objectives of photovoltaic self-consumption in mining: predictability and improvement of energy costs, sustainability.</i></p>	

Day 2: Wednesday, 16th October

	Main Auditorium	Conference Room Aminer	Conference Room Cobre
09.30 h.			
10.00 h.	<p>Keynote Speech Rob Scargill <i>Executive Director Sandfire MATSA</i></p>		
10.30 h.			
11.00 h.	<p>Panel Discussion Energy Transition <i>Moderator Blanca Losada (President - Fortia Energía)</i></p> <p>Sehila Gonzalez (Global Director, Fusion Energy at Clean Air Task Force) Mar Blázquez (Deputy Director General for Energy Efficiency Ministry of Ecological Transition and Demographic Challenge) Manuel Larrasa (General Director of Energy - Andalusian Government) Enrique Mota (Managing Director SMRT Iberica - SANDVIK)</p>	<p>José María Sánchez Jiménez <i>(Calidad y Medio Ambiente Consultoría S.L. (CAL y MAC))</i> <i>Commitment to sustainability in the mining sector.</i> <i>New version of the UNE Mining Management Standards.</i> <i>Sustainable Mineral Metallurgy-Metallurgy</i></p> <p>Bárbara Gómez Delgado (Pan Global Resources Inc.) <i>Responsible communication in research projects</i></p>	<p>Patricia Núñez Cortés <i>(Alto Minerals)</i> <i>CRM, benefits for the mining sector</i></p> <p>Marcos Gallego Garrido y Javier Osuna de la Cerda (Environmental Resources Management (ERM)) <i>Impact of the European Green Pact policies on the mining sector</i></p>
11.30 h.			
Networking Coffee Break			
12.00 h.			
12.30 h.	<p>Panel Discussion Sustainable Mining <i>Moderator César Sánchez (Chief Financial Officer de Atalaya Mining)</i></p> <p>Kate Harcourt (Non Executive Director, Atalaya Mining) Paola Hernández (Advisor in Sustainability & ESG) Rolf Kuby (General Director Euromines) Quentin de Huils (General Director - ICA Europe)</p>	<p>Mario Jara Ortiz (Datamine Software) <i>Digital transformation in HSE Risk Management</i> <i>Case of large copper mining in Chile</i></p> <p>Carlos Alonso Romero (Seequent) <i>Validation of innovative digital management tools for tailings storage facilities at OceanaGold's Waihi operation</i></p> <p>Juan Carlos Baquero Úbeda (Cobre Las Cruces) <i>Integral sustainable water management at Cobre Las Cruces.</i> <i>Seville (Spain)</i></p> <p>Koldobika Sánchez Arrotegui (Sandfire Matsa) <i>Controlling tailings facilities at Sandfire MATSA to international standards</i></p>	<p>Francisco Rojas Benjumea (Advanced Mineral Processing SL) <i>Designing a recovery process for critical minerals</i></p> <p>Teresa Sánchez García (CN-Instituto Geológico y Minero de España) <i>Study of critical and strategic raw materials for the ecological transition and the supply of the main industrial value chains in Spain</i></p> <p>Manuel Ramos (Atlantic Copper) <i>Metals for the Future: The CirCular Project</i></p> <p>César Luaces Frades (Primigea) y Manuel Regueiro (CSIC) <i>Industry's business view on the effective implementation of the critical raw materials regulation at member state level.</i> <i>The case of Spain</i></p>
13.00 h.	<p>Emiliano Millán, Juan Ignacio Parreño y Federico González <i>(Sandfire MATSA)</i> <i>Automation systems in underground mining operations</i> <i>(Sandfire MATSA)</i></p> <p>Susana Rodríguez Romero (Atalaya Mining) <i>"R+D+I" Project Minerva #Smartgeocontrol". Monitoring, data correlation and best practices. Riotinto Mine Sterile Deposit</i></p>	<p><i>Moderator</i> Joaquín Gotor</p>	<p><i>Moderator</i> Manuel Vázquez</p>
13.30 h.			
14.00 h.			
Lunch			
16.00 h.			
16.30 h.		<p>María Belarmina Díaz Aguado (Director General for Energy and Mining, Government of the Principality of Asturias) <i>Inventory of waste dumps and ponds in the Principality of Asturias</i></p> <p>Asunción Cámara Obregón (Universidad de Oviedo) <i>Minería inversa o cómo descarbonizar el carbón</i></p> <p>José Fernández Torres (CSIC) <i>Applicability of satellite radar interferometry and advanced interpretation techniques in the study of mine stability</i></p> <p>Francisco Ruiz Allén (Consultoría Geológica, S.L. (Congeo)) <i>Integral focus for hydrogeochemical risk assessment in complex geological environments</i></p> <p>Johnatan Gonzalez Garcia (Perforaciones Noroeste SA) <i>Hazardous gas monitoring with IoT-enabled drones in tunnels and underground works, Ecodrone Project</i></p> <p>Juan Requejo Liberal (Asistencias Técnicas Clave, SLU) <i>The shared value in new mining processes. VECTOR</i></p>	<p>María Rocha Gil (Rocha Blast Engineers) <i>The value of data in P&V. Digitalisation and quality</i></p> <p>Christos Karageorgos (Ausmetec) <i>Enhancing Flotation Efficiency: Magnetic conditioning in atalaya's rougher circuit</i></p> <p>Pieter Strobos (Molycop Digital) <i>Optimising throughput, recovery efficiency in milling and flotation circuits while reducing downtime making use of advanced measurement and process analyses and control</i></p> <p>Jesús Félix Domingo (Orica Explosivos Industriales, S.A.) <i>In-situ sensitisation and the use of pre-sensitised emulsion</i></p> <p>Rubén Castro Pérez (Zitrón) <i>New mining ventilation control and management systems</i></p> <p>Queralto Tobarra García (Metsco) <i>Sustainable technologies for lithium processing</i></p>
17.00 h.			
17.30 h.			
18.00 h.			

Day 3: Thursday, 17th October

	Main Auditorium	Conference Room Aminer	Conference Room Cobre
09.30 h.	<p>Panel Discussion <i>International Sustainability Standards</i> Moderator Rolf Kuby</p> <p>Pierre Gratton (President and CEO - the Mining Association of Canada) Arnoldus M. van den Hurk (Founder - R4MINING) Hans-Ulrich Beck (Senior Advisor, ESG and Sustainable Finance) Cécilie La Gallic (Policy Analyst- Responsible Business Conduct in Minerals Chains OECD-OCDE)</p>	<p>María Fuencisla Fernández Rodríguez (Gaia Exploración) Characterization and targeting of massive sulfides through integrated geophysical methodology: A focus on an Iberian Pyrite Belt Area</p>	<p>Federico Durán López (J&A Garrigues, SLP) More sustainable labour relationships: legal and socio-economic challenges in the spanish mining sector</p>
10.00 h.		<p>Manuel Caraballo Monge (Universidad de Huelva, Dto. de Ing. Minera) Reuse of flotation sludge (tailings) for the backfilling of underground galleries using geopolymerisation and carbonation technologies</p>	
10.30 h.	<p>Panel Discussion <i>Smart Mining / Mine of the Future</i> Moderator Jesús Portillo (General Director of Mines - Andalusian Government)</p> <p>Rolf Kuby (General Director - Euromines) Fernando Beitia (Senior Technical Advisor - MAXAM) Alberto Lavandeira (CEO - ATALAYA Mining) Carlos Cuburo (Secretariat of Mining of Argentina) Claudia Rodríguez (Executive VP OCHILCO)</p>	<p>María del Carmen Conde Rivas (Instituto de Geociencias (IGEO) Consejo Superior de Investigación y Ciencia (CSIC) Cobalt: a new resource in the Iberian Pyritic Belt</p>	<p>Pablo León Higuera Higuera (University of Castilla La Mancha - Mining & Industrial Engineering Collage of Almadén) The UCLM Institute of Applied Geology, a support centre for practical university training</p>
11.00 h.		<p>Gonzalo Roberto Mayoral Fernández (Kerogen Energy, SL) Research Project 'Nuevo Linares' - The resurgence of mining for a renewable future</p>	
11.30 h.			
Networking Coffee Break			
12.00 h.	<p>Panel Discussion <i>Skills & Talent for the Mining Industry</i> Moderator Francisco Javier Elorza (Director of the Technical Higher School of Mining and Energy Engineering - UPM)</p> <p>Ivan Mitev (Executive Director of the Bulgarian Chamber of Mining and Geology) Ángel Tobar Escudero (Strategic Director of University Partnership - EPIROC) Macarena Gutiérrez (General Director - Atlantic Copper) Ismael Guarner (Deputy Director of Mines of the Directorate General for Energy Policy and Mines - MITERD) Nuria Fresco (HR Director- Sandfire MATSA)</p>	<p>Juan Manuel Pérez López (Fundación Río Tinto) The historical archives of the Fundación Río Tinto, an Essential Source for New Mining Exploration Projects</p>	<p>Manuel Gómez-Arrones Egido y Pieter Venteer (Nordic Guarantee) Economic guarantees for the energy and mining sectors</p>
12.30 h.		<p>Antonio Ortega Muñoz - Joe David (Minas de Estaño de España) The Oropesa Project: Andalucía through the Guadiato, the new tin supply of the European Union</p>	
13.00 h.	<p>Domingo Javier Carvajal Gómez (Cátedra Santa Barbara Unia / Universidad de Huelva) Technological and management challenges in andalusian metal mining projects</p>	<p>Pedro Pino Véliz (+NR Plus Natural Resources) Water & Tailings: Second-life sostenibilidad en minería. Economía circular aplicada al agua y a los residuos mineros</p>	<p>Daniilo Correa Crego (Sandfire Matsa) Optimization of cut-off grades to maximize value generation</p>
13.30 h.			
14.00 h.			
Lunch			
16.00 h.			
16.30 h.	<p>Closing Session</p>		
17.00 h.			
17.30 h.			
18.00 h.			

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