

mineríaDIGITAL2023

10th International Congress on Automation,
Robotics and Digitalization in Mining

AUGUST 9~11, 2023

SHERATON HOTEL, SANTIAGO, CHILE

Technology and Transformation: A Mining Industry Imperative

PRELIMINARY TECHNICAL PROGRAM

The preliminary program has more than 90 presentations, from 15 countries and more than 30 of these works come from mining operations.

CONGRESS TOPICS

Digital transformation management and economic evaluation • Artificial intelligence, robotics, mechatronics, cobots and drones • Industrial networks and communications • Convergence and integration of operational technology (OT) and information technology (IT) • Data mining, IoT and cloud computing • Smart equipment and operational hardware • Modeling, optimization and advanced process control • Remote operation and maintenance centers • Technology development impact and challenges on legal aspects, privacy and security • Technological innovation for operational excellence, sustainability and social welfare.

APPLICATIONS

Exploration, underground mining, surface mining, mineral processing, hydrometallurgy, environment, mining waste, tailings, supply chain, logistics, maintenance, climate change, business integration and commercialization.

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