

# PRELIMINARY PROGRAM



THURSDAY MAY 30th

## SESSION I

- 07:30 am **Registration.**
- 09:00 am Welcome words from the Organizing Committee.
- 09:15 am Integrated performance optimisation of comminution circuits. **Malcolm Powell. JKRCM University of Queensland. Australia.**
- 10:00 am IsaMill – 25 years of Stirred Milling. **Hans De Waal. Glencore Technology. Australia.**
- 10:35 am **COFFEE BREAK I**

## SESSION II

- 11:15 am 4 generations of cone crushing, needs of the XXI century. **Dave Mc Cracken. Astec Aggregate & Mining Group. USA.**
- 11:45 am Leveraging an innovative and unique particle size measurement technology in a copper concentrator: Transforming information into knowledge. **John Viega. Cidra Minerals. USA.**
- 12:15 pm Application of Vertimills™ in Primary Grinding Circuits. **Luis Chia. Metso. Peru.**
- 12:50 pm **LUNCH I**

## SESSION III

- 14:15 pm Impact of the turbulent/ laminar transition in the flow of slurry in the comminution circuits – experience in Caserones. **Oscar Castro. FLSmidth. Chile.**
- 14:45 pm Comminution Design Alternatives: A trade-off between the size reduction alternatives. **Tugcan Tuzcu. DAMA Engineering. Turkey.**
- 15:15 pm Fine grinding implementation at a gold processing plant. **Mattias Astholm. Outotec. USA.**
- 15:45 pm Determination of the constant grinding kinetics (function, selection and fracture) through an algorithm of matrix programming. **Ernesto Vizcardo. Aceros Chilca. Minera Shougang. Peru.**
- 16:20 pm **COFFEE BREAK II**

## SESSION IV

- 17:00 pm Estimating ROM and SAG Size Distribution by Inverse Simulation. **Jorge Menacho. De Remetalica. Chile.**
- 17:30 pm Impact of Blasting on Downstream Process to Maximize the Profitability of Mining Industries. **Andrea Lucero. Perú.**
- 18:00 pm Digital Mining. **Jeffrey Dawes. Komatsu Mining Corp. USA.**
- 18:30 pm **Welcoming Cocktail**

FRIDAY MAY 31st

## SESSION V

- 07:30 am **Registration.**
- 09:00 am Optimization of the grinding and classification circuits for treatment of copper and polymetallic ores. **Rodrigo Rosales. LJM Metales. Peru.**
- 09:30 am Research findings driving new banana screen designs. **Kennth Mayhew. Vicente Esparza. Derrick Alston/ Inter Mining Process. South Africa.**
- 10:00 am Design and operation of grinding circuits in CODELCO. **Jaime Diaz Catalán. Codelco. Chile.**
- 10:40 am **COFFEE BREAK III**

## SESSION VI

- 11:20 am Ball level control in SAG Mill by augmented reality in Cerro Corona. **Christian Huaira. GoldFields Minera Cerro Corona. Peru.**
- 11:50 pm Dynamic analysis of wear in VTM mills using 3D laser tools. **Rudy Jaramillo. Magotteaux. Peru.**
- 12:20 pm SAG Mill load level control to minimize plugging in grates. **Humberto Villanueva. Iván Poma. Toromocho Minera Chinalco.**
- 12:55 pm **LUNCH II**

## SESSION VII

- 14:20 pm Injection of water from washing in hydrocyclons to improve quality of underflow in a tailings storage facility. **Pablo Hinojosa. UNSA. Peru.**
- 14:50 pm Modeling and simulation of a HPGR open circuit for a porphyry copper plant. **Miguel Mayta. UNSA. Peru.**
- 15:20 pm Process optimization of Bateas Concentrator Plant. **Marco Flores. Minera Bateas. Peru.**
- 15:50 pm How to optimally measure a SAG grinding circuit from pilot tests and hardness parameters of geometallurgy?. **Cristian Riquelme. Chile.**
- 16:30 pm **COFFEE BREAK IV**

## SESSION VIII

- 17:00 pm Optimization of the ball size in SAG Mill using discrete simulation methods. **Cesar Poma. Levi Guzman. MolyCop.**
- 17:30 pm Work index estimation through statistical correlations of Chakrabarti method. **Ernesto Vizcardo. Fredy Zegarra. Aceros Chilca. Shougang. Peru.**
- 18:00 pm New Drives for Better Geometallurgy Practices. **Jorge Menacho. De Remetalica. Chile.**
- 18:30 pm **Closure, Cocktail and certificates delivery.**