

# SR SAMPLING RECONCILIATION 2023

III INTERNATIONAL CONFERENCE ON MINERAL SAMPLING & MINING RECONCILIATION

November 02 - 03

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# PROGRAM

## THURSDAY, NOVEMBER 02



07:30 - 08:30		REGISTRATION
08:30 - 08:45		<b>WELCOME AND OPENING REMARKS BY THE COMMITTEE</b> - Francis Pitard – Francis Pitard Sampling Consultants, EE.UU.; Ana Carolina Chieregati – Universidade de São Paulo, Brasil; Oscar Dominguez – BHP, Australia; Jose Carrillo – Angloamerican, Chile & Patricio Valenzuela – CODELCO, Chile
08:45 - 09:35	<b>SESSION I</b>	<b>KEYNOTE LECTURE: "A BETTER, SIMPLER AND CHEAPER WAY TO OPTIMIZE THE NECESSARY SAMPLE MASS"</b> <b>Francis Pitard, Francis Pitard Sampling Consultants - USA</b>
09:35 - 10:00		"APPLICATION OF VARIOGRAPHY IN RESULTS OF REFERENCE MATERIALS" <b>Everardo Antonio Suarez Silva, CMS ASOCIADOS - Chile</b>
10:00 - 10:25		"EVALUATION OF PARTICLE DENSITY SEGREGATION IN HETEROGENEITY TESTS" <b>Gabriela Cardoso Prado, Department of Mining and Petroleum Engineering, University of São Paulo - Brazil</b>
10:25 - 10:50		"SAMPLE REDUCTION SYSTEM / (SRS)" <b>Rubén Aravena, Tecpromin - Chile</b>
10:50 - 11:30		<b>COFFEE BREAK</b>
11:30 - 11:55	<b>SESSION II</b>	"ONLINE ANALYZERS IN FLOTATION, SELECTION, OPERATION AND TRANSPORTATION OF THE SAMPLE" <b>Jaime Zavala, TecSampling Consultores - Chile (VIRTUAL)</b>
11:55 - 12:20		"THE MINERAL CONCENTRATES FLOWING-STREAM CUTTER : FLOW RATES, CUTTER SPEED AND OPERATING LIMITATIONS" <b>Felix Toconas, Inversiones Republica S. A - Perú</b>
12:20 - 12:45		"VALIDATION OF THE CROSS-BELT SAMPLER IN A BAUXITE PROCESSING PLANT FEED" <b>Antônio Edilson Sousa Nascimento, MRN (Mineração Rio do Norte) - Brazil</b>
12:45 - 13:10		"CALCULATION OF UNCERTAINTY, LIMIT OF PRECISION REPETIBILITY BASED ON HISTORICAL RECORD OF DUPLICATES OF ANALYSIS IN THE TEST FOR DETERMINATION OF MOISTURE OF MINERAL CONCENTRATES AND VERIFICATION OF THE PERFORMANCE OF THE METHOD BASED ON ISO 10251:2017" <b>Harry Baigorrea, Perubar S.A. (Glencore) - Perú</b>
13:10 - 14:45		<b>LUNCH</b>
14:45 - 15:10	<b>SESSION III</b>	"SMARTSAMPLE – INNOVATIVE SAMPLING SYSTEM DEVELOPED FOR REVERSE CIRCULATION DRILLING METHOD (RC);" <b>Helindo Oliveira, SGS Geosol - Brazil</b>
15:10 - 15:35		"DO WE NEED TO SAMPLE PROCESS WATER?" <b>Reinaldo Novaes, FLSmidth - Brazil</b>
15:35 - 16:00		"SEGREGATION IN THE SAMPLING OF TRUCKS WITH COPPER CONCENTRATES" <b>Everardo Antonio Suarez Silva , CMS ASOCIADOS - Chile</b>
16:00 - 16:25		"THE PITFALLS OF ESTIMATING THE SAMPLING CONSTANTS FROM HETEROGENEITY TEST RESULTS" <b>Ana Carolina Chieregati, Departamento de Ingeniería Minas y de Petróleo, Universidad de San Pablo - Brazil</b>
16:25 - 17:05		<b>COFFEE BREAK</b>
17:05 - 17:30	<b>SESSION IV</b>	"PROGRESS IN THE DEVELOPMENT OF AN INNOVATION PROJECT ON THE CONTROL AND BLENDING OF MINERAL CONCENTRATES"; <b>Ricardo Alarcón S.; Vicente Esparza, Patricio Valenzuela; Codelco/InterMining Process; Chile (VIRTUAL)</b>
17:30 - 17:55		"IMPORTANCE OF THE SAMPLING TECHNIQUE, IMPROVEMENT IN THE QUALITY OF THE SAMPLING FOR PROCESS CONTROL IN ORE CONTROL DURING THE DAILY PRODUCTION OF Cu AND Mo IN TOQUEPALA PORPHYRY MINING DEPOSIT, IN SOUTHERN PERU" <b>Juver Vélez Ríos;Southern Peru Copper Corporation; Peru</b>
17:55 - 18:45		<b>KEYNOTE LECTURE: "METAL ACCOUNTING, AN APPROACH TO THE CONCEPT AND A PRACTICAL APPLICATION GUIDE"</b> <b>José Carrillo Castillo, Anglo American - Chile</b>

# FRIDAY , NOVEMBER 03



08:00 - 08:30	REGISTRATION	
08:30 - 08:55	SESSION V	"PROACTIVE RECONCILIATION SYSTEM APPLIED TO UNDERGROUND AND OPEN PIT COPPER MINE AT CURAÇÁ VALLEY"; <b>Josil Spitzner Galvão; Ero Copper; Brazil (VIRTUAL)</b>
08:55 - 09:20		"PROACTIVE RECONCILIATION CHAIN IN ANGLOGOLD ASHANTI. APPLICATIONS AND RESULTS IN THE CUIABÁ MINE" <b>Nathan Davi Ribeiro Massote, Anglo Gold Ashanti - Brazil</b>
09:20 - 09:45		"TRACKING OF ROM USING RFID TECHNOLOGY IN AN UNDERGROUND MINE. APPLICATION OF THE RESOURCE AT THE CUIABÁ MINE, ANGLOGOLD ASHANTI" <b>Pedro Dumont Barroso, Anglo Gold Ashanti - Brazil</b>
09:45 - 10:35		<b>KEYNOTE LECTURE: "MINE VALUE CHAIN RECONCILIATION"</b> <b>Craig Morley, Anglo American - Australia</b>
10:35 - 11:15	COFFEE BREAK	
11:15 - 11:40	SESSION VI	"MINE-TO-PORT RECONCILIATION AND GRADE CONTROL FOR A BAUXITE OPERATION IN BRAZIL" <b>Felipe Antonialli, MRN (Mineração Rio do Norte) - Brazil</b>
11:40 - 12:05		"APPLICATIONS OF PRIMARY METHODS FOR THE CERTIFICATION OF REFERENCE MATERIALS" <b>Ester Ivette Menichetti Yáñez, CMS ASOCIADOS - Chile</b>
12:05 - 12:30		"APPLICATION OF CUSUM GRAPHS TO IDENTIFY VARIATIONS IN ORE BEHAVIOR" <b>Fernando Villanova, Nexa Resources -Brazil</b>
12:30 - 13:20		<b>KEYNOTE LECTURE: "SAMPLE DNA" &amp; QUALITY MANAGEMENT, A NEW WAY TO DEFINE A PROACTIVE RECONCILIATION?</b> <b>Oscar Dominguez, BHP - Australia</b>
13:20 - 14:45	LUNCH	
14:45 - 15:10	SESSION VII	"WEEKLY MULTIDISCIPLINARY MEETING FOR MINING RECONCILIATION AND PLANNING: CASE STUDY AT THE ARIPUANÍ MINE OF NEXA RESOURCES" <b>Fernando Villanova, Nexa Resources - Brazil</b>
15:10 - 15:35		"IMPROVEMENTS ON DATA COLLECTION AND DATA ANALYSIS FOR GRADE CONTROL AND RECONCILIATION IN A BRAZILIAN BAUXITE MINE" <b>Felipe Antonialli, MRN (Mineração Rio do Norte) - Brazil</b>
15:35 - 16:00		"RECONCILIATION: CASE STUDY AT NEXA RESOURCES VAZANTE MINE" <b>Fernanda Guedes, Nexa Resources - Brazil</b>
16:00 - 16:50		<b>"KEYNOTE LECTURE: "HOW SMALL IMPROVEMENTS IN SAMPLING CAN LEAD TO HUGE IMPROVEMENTS IN RECONCILIATION"</b> <b>Ana Carolina Chierigati, Departamento de Ingeniería Minas y de Petróleo, Universidad de San Pablo - Brazil</b>
16:50 - 17:30	COFFEE BREAK	
17:30 - 17:55	SESSION VIII	"PRESENTATION OF PROACTIVE RECONCILIATION SUPPORT SOFTWARE FOR A BAUXITE MINE" <b>Maurício Dompieri, Dompieri Tecnologia em Mineração - Brazil</b>
17:55 - 18:20		"EXPERIENCES, OPPORTUNITIES AND CHALLENGES OF THE IMPLEMENTATION OF MINING RECONCILIATION IN THE CERRO LINDO UNIT" <b>Gianncarlo Zamora Rivera - Perú</b>
18:20 - 19:20		<b>DISCUSSION PANEL:"SAMPLING AND RECONCILIATION: FUTURE CHALLENGES"; Moderator: Francis Pitard – Francis Pitard Sampling Consultants, USA; Ana Carolina Chierigati – Universidade de São Paulo, Brazil; Oscar Dominguez – BHP, Australia; Jose Carrillo – Angloamerican, Chile; Patricio Valenzuela – CODELCO, Chile; &amp; Craig Morley - Angloamerican</b>
19:20 - 20:20	CLOSING COCKTAIL	

- Updated October 31st, 2023
- The program indicates the name of author as per abstract received, any change will be under instructions of the authors.
- Organizing Committee reserves the right to modify this program as necessary.

## MORE INFORMATION:

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