

CONTENTS

Key Note Address - Coral Bay Nickel Project: Management for a Successful Ramp Up
Dr N. Tsuchida, Executive Vice President Coral Bay Nickel Corporation, Palawan, Philippines.

Laterite Projects & Processes

The Gladstone Nickel Project – Location, Location, Location
Gavin Becker and Lisa Park – Gladstone Pacific Nickel Ltd - Australia

Engineering of Coral Bay (Rio Tuba) Nickel Project – a Second Generation HPAL Plant?
Tim Wilkinson – SNC-Lavalin Australia Pty Ltd - Australia

Engineering, Procurement and Construction of Rio Tuba HPP Project in Palawan, Philippines
S. Yumoto, T. Nagai, and I. Ikeda - JGC Corporation - Japan

Commissioning of Coral Bay Nickel Project
O. Nakai, M. Kawata and N. Tsuchida - Coral Bay Nickel Company - Philippines

A New Approach to High Concentration Chloride Leaching of Nickel Laterites
Bryn Harris & Carl White – Consultants – Canada; Mal Jansen - IPDS Australia; Duncan Pursell - Jervois Mining - Australia

Attrition Scrubbing Yields Benefits in Nickel Processing
Robert Stewart and Peter Csiszar - Lightning Mixer - Australia

Testwork and Pilot Plants

A Framework for Rheological Assessment of Nickel Laterite PAL Feeds
F Sofrà, DT Fisher, AR Kilcullen and PJ Scales - Rheological Consulting Services Pty Ltd - Australia

Can Complex Hydrometallurgical Pilot Plants Effectively Reduce Project Risks? Part One: Key Metallurgical and Technical Management Issues
A. Mezei, I. Todd, and R. Molnar - SGS Mineral Service - Canada

Equipment & Materials of Construction

Large Titanium Clad Pressure Vessels Design, Manufacturing and Fabrication Issues
Julien Laermans and Frank Van Roy - COEK Engineering - Belgium

Industrial Corrosion Protection in Non-Ferrous Metal Plants
Christof Glaesser - Steuler Industrieller Korrosionsschutz GmbH - Germany

The Contribution of Nickel in Stainless Steels
David Jenkinson – Nickel Institute - Australia

Using Electro Hydraulic Actuators to Improve HPAL Plant Operation
Brian Wood - Optimum Control – Australia; Carl Reed - Koso America Inc - USA

Mechanical Integrity Best Practice for Sulphuric Acid Plants
Michael R. Beaumont - FM Global - Australia

Capital Cost Estimate for Nickel PAL Plants, A Successful case of Níquel do Vermelho Project - Brazil,
Guilherme A. A. Jácome, Juliana L. M. Andrade, and Vanessa M. Torres – CVRD - Brazil

Sulphide Projects & Processes

A New Technology of Nickel Concentrates by One Stage Pressure Acid Leaching
Wang Haibei, Jiang Kaixi, Zhang Bangsheng and Zhang Lai - Beijing General Research Institute of Mining and Metallurgy - China

Influence Of Nickel Containing Sulfate-Chloride Electrolyte Composition And Temperature On Its Physical Properties

L.A. Bolshakov, A.I. Juriev, O.V. Bolshakova, E.V. Salimzhanova, and M.B. Greyver, - Norilsk Nickel Co. Polar Division, Mining-Metallurgical Research Centre - Russia

Extraction and Purification

Cobalt Extraction and Stripping by Cyanex 272

O. Lerner, Y. Ilan, R. Kleinberger - Bateman Advanced Technologies Ltd – Israel and S. Kotukhov - MMC Norilsk Nickel Co. – Russia

Removal of Copper, Iron and Zinc from Nickel-Cobalt Process Liquors by Synergistic Solvent Extraction

Chu Yong Cheng - The Parker Centre (CSIRO Minerals); Michael Rodriguez - Minara Resources Ltd - Australia

Recent Advances in the Application of MRT to Nickel and Cobalt Separations from Primary and Secondary Process Streams

Steven R. Izatt, John B. Dale, Neil E. Izatt, and Ronald L. Bruening – IBC Advanced Technologies Inc. - USA

Recovery of Base Metals Using MetRIX

Bert Van Hege, Deon van Tonder and Richard Bell – Bateman Minerals and Metals – South Africa; Jacolien Wyethe and Marthie Kotze – Mintek – South Africa

Metallurgical Processing of Polymet Mining's Northmet Deposit for Recovery of Cu-Ni-Co-Zn-Pd-Pt-Au

David Dreisinger, William Murray and Don Hunter - PolyMet Mining Company – Canada; Ken Baxter, Mike Wardell-Johnson, Alan Langley and Jenni Liddicoat – Bateman Engineering - Australia

Process Modelling and Simulation

Towards a Virtual Metallurgical Plant - CCD vs RIP Case Study

Mike D. Adams - Mutis Liber Pty Ltd - Australia

Prove Your Process: Practical Simulation of Plant Dynamics

Tim Newton – Simulus - Australia

Heap Leaching

Bioheap™ Bacterial Leaching of the Sherlock Bay Nickel Mine Primary Nickel-Copper Sulphide Ore in Saline Water

Tamsin Williams - BioHeap Ltd – Sherlock Bay Nickel Corporation Ltd - Australia

Heap Leaching-An Option of Treating Nickel Sulfide Ore and Laterite

Wen, Jiankang, and Ruan, Renman- Beijing General Research Institute for Nonferrous Metals; Guo, Xian Jian - Ramu NiCo Management Ltd - China

Çaldağ Nickel Laterite Atmospheric Heap Leach Project

Anne Oxley and Nursun Sirvanci – Bosphorus Nickel Mining Company – Turkey; Simon Purkiss – European Nickel PLC – UK

