

CONTENTS

Copper in the Global Economy: What's Next?

G. Campbell and M.C. Roberts – Michigan Technological University - USA

Fires in SX Plants – Recent Trends in Fire Prevention and Protection

Brenton Smith – International Mining Industry Underwriters Ltd - UK

What's Left for Copper Cementation?

Joseph Schlitt – Hydrometal, Inc. – USA

Heap and Vat Leaching

Continuous Vat Leaching – First Copper Pilot Trials

Daniel Mackie and Frank Trask – Innovat Limited – Canada/Australia

Experiences at the Huogeqi Pilot Heap, Inner Mongolia, PRC

Jason Fewings – Pacific Ore Ltd - Australia

Trips & Traps For Copper Heap Leaching

Damien Connelly and Jeff West – Mineral Engineering Technical Services Pty Ltd - Australia

Update of Geobiotics Demonstration Heap Bioleaching Programs Using Thermophile Bacteria

Tamsin Williams – GeoBiotics, LLC - Australia

Wetar Copper Project

Russell Fountain – Finders Resources Ltd - Australia

Sulphide Concentrates

Some Options for Processing Molybdenite Concentrates – A Review

Sargon Lovkis – Sargon Engineering - Australia

The Deswik Mill for Ultrafine Grinding of Sulphide Concentrates

Stephen Massey – Deswik Mining Consultants - Australia

Solvent Extraction & Refining

Copper Solvent Extraction by Ultrasound-Assisted Emulsification

Christophe Duhayon – Université Libre de Bruxelles - Belgium

The ACORGA® OPT Extractant Series: Industrial Performance vs Aldoxime-Ketoxime Reagents

O.S. Tinkler, I. Cronje, A. Soto & F. Delvallee – Cytec Industries Inc. – South Africa and M. Hangoma – Mitec Limited - Zambia

A DSX Process to Recover Copper, Nickel, Cobalt and Zinc from Chloride Solutions by Synergistic Solvent Extraction

C.Y. Cheng, Z. Zhu and W. Zhang – CSIRO Minerals - Australia

Concepts for Developing High Performing Copper Solvent Extraction Circuits

Andrew Nisbett, Stephen Peabody and Phil Crane – Cognis – USA/Australia

Bismuth Removal in Copper Electrolytic Refining Operations Using Molecular Recognition Technology (MRT)

Stephen R. Izaat, Neil E. Izaat, Ronald L Bruening and John B. Dale – IBC Advanced Technologies, Inc. – USA

Pressure Oxidation

Early Copper Production Results from Vale's Hydrometallurgical CESL Refinery

Jennifer Defreyne – CESL – Canada and Tobias Cabral – Vale - Brazil

Developments in Copper Electrowinning Forum

Electrowinning – Some Recent Developments

Wayne Hopkins – Faradelk – UK

Acid Mist Capture & Recycling for Copper Electrowinning Tankhouses

Tiina Vainio and Mark Weatherseed – Outotec –Finland/Australia