

CONTENTS

Project Development

Mineralogical Variation in the Letlhakane Uranium Project and Its Implications on Process Options

Paul Woolrich & Penny Large – A-Cap Resources Limited – Australia/Botswana

An Overview of the Kayelekera Project in Malawi

Dave Marsh – Paladin Energy Ltd – Australia & Darrell Hladun - Kayelekera Uranium Mine - Malawi

Licensing Status of New Uranium ISR Mines in the United States

Glenn Catchpole – Uranerz Energy Corporation - USA

Optimization of the Calcrete-Uranium Process Flowsheet: the Implications of Metallurgical Testwork for the Marenica Project

Cliff Quan & Doug Collier – ANSTO – Australia; Robert Bowell – SRK Consulting – UK; Erik van Noort – Marenica Energy Ltd - Australia

Solvent Extraction

Analysis and Troubleshooting In Uranium Solvent Extraction Circuits

Phil Crane – Cognis – Australia; Michael Virnig & Jack Bender – Cognis - USA; Murdoch Mackenzie – Consultant – Australia; Kym Dudley - KDHC Pty Ltd - Australia

Innovative Design In Two Recent South African Uranium Solvent Extraction Plant Installations

Patrick Watson - M C Process (Pty) Ltd – South Africa & Mark Craddock – Pacific Minerals Processing (Pty) Ltd - Australia

Use of 2,6-Di-Tert-Butyl-4-Methylphenol (BHT) Additive for Delaying the Chemical Degradation of Solvent during Uranium Recovery from Acidic Sulfate Media

Neilesh Syna – Areva–BG Mines - France

Removal of Uranium from the Iron Rich Phosphoric Acid of Arafura

R. Raiter – Arafura Resources – Australia; B. Grinbaum, Y. Ilan & N. Dobrin - Bateman Advanced Technologies Ltd - Israel

Gibbs Energy Minimisation for Process Simulations and An Example in Uranium Solvent Extraction

S. Willis & B. Muller - Simulus Pty Ltd; I. Ivanova & S. Lallenec - Hatch Associates Pty Ltd - Australia

Process Design

Considerations and Methodologies for the Design of Gassed Agitated CSTR'S

Wolfgang Keller - EKATO RMT GmbH - Germany

Biominerals Processing Of An Apatite Rich Low- Grade Indian Uranium Ore

Abhilash, K.D.Mehta, B.D. Pandey - National Metallurgical Laboratory (CSR) & L. Ray - Jadavpur University - India

Operation and Reporting of A Uranium Alkaline Leach Flowsheet Through Mini Plant Piloting and Process Simulation

Peter Adamini – SGS Mineral Services & John Vagenas – Elemental Engineering - Australia

Biominerals Processing Of An Apatite Rich Low-Grade Indian Uranium Ore

Abhilash, K.D.Mehta, B.D. Pandey - National Metallurgical Laboratory (CSR) & L. Ray - Jadavpur University - India

Study on The Solid Liquid Separation Equipment in Uranium Processing

Jason Palmer – Larox Corporation – Finland/Australia

Reagents, a Key Driver in your Uranium Business

Pine van Wyk – Gecko Chemicals - Namibia

Ion Exchange Forum

Uranium Recovery by Continuous Ion Exchange of Alkaline Leachate

Grenvil Dunn & Yong Yong Teo – Orway Mineral Consultants; John Vagenas – Elemental Engineering - Australia

Towards A Functional Polymer for Mining

Areski Rezkallah & Peter Cabl – The Dow Chemical Company – USA/South Africa

The Advantages of True Continuous Counter Current Elution in Uranium Processing

G.M. Jooste & M.H. Kotze – Mintek; D. Auerswald – Bateman – South Africa

A Technical Evaluation of Elution Technologies for Uranium Recovery

John S. Carr – Clean TeQ Limited - Australia

Selecting the Optimum IX System for Uranium Recovery

Deon van Tonder, David Lunt & Simon Donegan – Amec Minproc - Australia