

CONTENTS

Treatment Plant Trends

Innovations and Trends in Uranium Ore Treatment

Alan Taylor – ALTA Metallurgical Services - Australia

Water Saving

Paul Xuereb – John Crane - Australia

Project Development

The Potential For Uranium Recovery At Nolans

Karin Soldenhoff and Elizabeth Ho – ANSTO; Steve Mackowski – Arafura Resources Ltd - Australia

Utilisation of Prompt Fission Neutron Technology in Greenfields Uranium Exploration

Patrick Mutz – Uranium Exploration Australia Ltd - Australia

Acid Mine Drainage Issues

Andrew Garvie – SRK Consulting - Australia

Solvent Extraction/Ion Exchange

Uranium Recovery from Acid Leach Liquors: IX or SX?

Deon van Tonder - Bateman Engineering NV – South Africa; Marthie Kotze – Mintek – South Africa

Expansion Capacity of a SX unit – Modelling and Pilot Tests.

B. Courtaud F. Auger, P. Morel and F. Meze – Areva NC SEPA/LAB - France

Labotatory - Pilot Plant Interaction In The Development Of SX Processes Using Bateman Pulsed Columns And Bateman Settlers™

Baruch Grinbaum - Bateman Solvent Extraction – Israel; John Riordan - Bateman Solution Purification Group - Australia

Process Design

Comparison of Alternative Oxidants for Uranium Ore Leaching

E. Ho and R. Ring – ANSTO – Australia

Ferrous Oxidation with SO₂ – Air: An alternative Uranium Leaching System?

Eberhard Ktause – Hydromet Solutions Inc. – Canada

Design of Acid Leach - SX Uranium Plants

Alan Taylor – ALTA Metallurgical Services - Australia

In-Situ Leaching Forum

Study On The In-Situ Leaching Of Sandstone Uranium Ore By Alkali Reagent With Dissolved Oxygen Under Pressure

Jianguo Zhang and Qi Jing - Beijing Research Institute of Chemical Engineering and Metallurgy – China; John L. Provis and Jannie S. J. van Deventer – University of Melbourne - Australia

Overview of Global In-Situ Leach Technologies and Innovation

Nick Lynn – Lyntek Inc. - USA

Variations in Permeability and Sedimentology and Their Effect on the In-Situ Leaching of the Beverley Uranium Deposit

Chris Daniel, Lynelle Beinke, Rick Pobjoy, Charles Nesbitt and Ric Phillips – Heathgate Resources Pty Ltd - Australia