

The Southern African Institute of Mining and Metallurgy (SAIMM) in cooperation with the International Atomic Energy Agency (IAEA), the Canadian Institute for Mining, Metallurgy and Petroleum (CIM), the Namibian Uranium Institute, and the Namibia University of Science and Technology (NUST) is proud to host the

# SHORT COURSE: URANIUM ORE PROCESSING

11 September 2017

Swakopmund Hotel, Swakopmund, Namibia

in conjunction with

## URANIUM 2017 INTERNATIONAL CONFERENCE

### Extraction and Applications of Uranium — Present and Future

#### OUTLINE OF TOPICS

- > Uranium Ores and Minerals
- > Implications of Mineral Composition
- > Pre-Concentration
- > Pre-Roasting
- > Leaching Mediums
- > Acid Leaching of Uranium Minerals
- > Carbonate Leaching of Uranium Minerals
- > Leaching Processes
- > By-Product Uranium Recovery Processes
- > Key Process Operations and Equipment
- > Ion Exchange
  - IX Resins
  - IX Systems
- > Solvent Extraction
  - SX Extractants
  - SX Contactors
- > Product Recovery Processes
- > Testwork and Scale-Up
- > Keys to Successful Project Development
- > Grade Control
- > Special Health and Safety Issues
- > Development of an Agitated Acid Leach Project

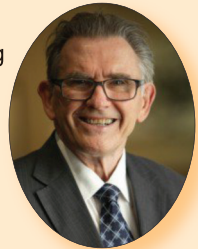
- Testwork and Scale-Up
  - Design Criteria
  - Key Project Design Issues
  - Plant Layout Considerations
- > Industry Trends

#### ABOUT THE PRESENTER

Alan Taylor has 40+ years' experience in the metallurgical, mineral and chemical processing industries in Australasia, New Zealand, North and South America, Africa, Asia and Europe. He has worked in metallurgical consulting, project development, engineering/construction, plant operations, plant start-up and technology development. Projects and studies have involved copper, gold/silver, nickel/cobalt, uranium, base metals, phosphates and alumina.

Alan presents public and in-house short courses and is most well known for convening the annual ALTA conference series in Australia that attracts delegates from around the globe.

Alan graduated with a Bachelor of Science in Chemical Engineering (Honours) from Durham University, UK, and is registered as an AusIMM Chartered Professional Metallurgy.



### REGISTRATION FORM

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#### For further information contact:

Conference Co-ordinator, Camielah Jardine, SAIMM  
P O Box 61127, Marshalltown 2107 · Tel: (011) 834-1273/7  
Fax: (011) 833-8156 or (011) 838-5923  
E-mail: [camielah@saimm.co.za](mailto:camielah@saimm.co.za)  
Website: <http://www.saimm.co.za>



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