

# INVITATION TO: THE 2015 G D DELPRAT DISTINGUISHED LECTURE SERIES

Sydney  
Monday 24 August, 5 for 5:30pm  
The Royal Exchange, 1 Gresham Street, Sydney  
[Register Here](#)

Brisbane  
Thursday 3 September, 6pm  
JKMRC, University of Queensland, 40 Isles Road,  
Indooroopilly  
[Register Here](#)

Perth  
Sunday 6 September, 5:50 for 6pm  
Pan Pacific Hotel, 207 Adelaide Terrace, Perth  
[Register Here](#)

Kalgoorlie  
Wednesday 9 September, 6:15pm  
Hannan's Club  
Cnr Maritana & Brookman Streets, Kalgoorlie  
[Register Here](#)

Roxby Downs  
Wednesday 16 September, 6:30pm  
Dunes Café  
1-15 Richardson Place, Roxby Downs  
[Register Here](#)

Adelaide  
Thursday 17 September, 12pm  
Historian Hotel  
18 Coromandel Place, Adelaide  
[Register Here](#)

North West Queensland  
Tuesday 24 November, 6pm  
Outback (Isa Theatre)  
19 Marian Street, Mount Isa

Melbourne  
November  
CQ Melbourne  
113 Queen St, Melbourne

For any enquiries, please contact:  
[eventportal@ausimm.com.au](mailto:eventportal@ausimm.com.au)



This lecture series is brought to you by The AusIMM Metallurgical Society in association with AusIMM Branches Attendance is worth one PD hour.

**Presenter: Dr Bill Johnson**



## **Future Mineral Processing Challenges Based on 45 Years of Applying Science and Engineering to Mineral Processing**

### **Presentation Outline**

The presentation draws on Bill's extensive experience confronting metallurgical and technical challenges in research, operations and applying new technologies.

Bill's presentation will outline future challenges for improving mineral processing technologies and developing new technologies based on the technical weaknesses of existing processes.

To assist in successfully addressing these future challenges, Bill will describe some important learnings from past experiences in dealing with processing challenges. These technical experiences will be principally based on the flotation of sulphide minerals.

The presentation will include some important tools for the analysis of weaknesses in mineral processing technologies, including their evolution since 1960 and their need for further improvement and change.

**Bill Johnson** has worked with Asarco in Arizona, lectured at the University of Melbourne, researched with CSIRO, and was Minerals Processing Research Manager with MIM Ltd.

He directed development of the circuit for the McArthur River ore, which led to the Isa Mill technology. He is presently Senior Principal Consulting Engineer at Mineralurgy and Adjunct Professor at JKMR.