

## PROGRAM

8.30 to 9.00 am

**Registration, Level 1**

### **Session 1.**

**Chair: Dr John Henstridge**  
(Data Analysis Australia)  
GAA Executive Committee

9.00 to 9.10 am

**Welcome and opening comments**  
John Vann (Geoval) Symposium Convenor

9:10 to 9:50 am

**Keynote Address**  
Beyond Ordinary Kriging – a review of non-linear estimation  
John Vann, Daniel Guibal (Geoval)

9.50 to 10.20 am

A practitioner's implementation of Indicator Kriging  
Ian Glacken, Paul Blackney (Snowden Associates)

10.20 to 10.50 am

**Coffee Break**

### **Session 2**

**Chair: Mr Bill Shaw**  
(Mining and Resource Technology),  
GAA Executive Committee

10.50 to 11.20 am

The application of Indicator Kriging in the modelling of geological data  
Brett Gossage (Resource Service Group)

11.20 to 11.50 am

Non-linear modelling of geological continuity  
Dr John Henstridge (Data Analysis Australia)

11.50 to 12.20 pm

Comparison of Median and full Indicator Kriging in the analysis of gold mineralisation  
Donna Hill, Dr Lyn Bloom, Dr Ute Mueller (Edith Cowan University), Danny Kentwell (SRK Australia)

12.20 to 1.20 pm

**Lunch**



## Session 3

**Chair: Dr Lyn Bloom**

(Edith Cowan University) GAA Executive Committee

- 1.20 to 1.50 pm      Local recoverable resource estimation: a case study in Uniform Conditioning on the Wandoo project for Boddington gold mine  
Michael Humphreys (Geoval)
- 1.50 to 2.20 pm      A case study using Indicator Kriging: the Mount Morgan gold-copper deposit, Queensland  
Ivor Jones (WMC Resources)
- 2.20 to 2.50 pm      Practical application of Multiple Indicator Kriging to recoverable resource estimation for the Halley's lateritic nickel deposit  
Ian Lipton, Richard Gaze, John Horton (Mining and Resource Technology)
- 2.50 to 3.20 pm      **Coffee Break**

## Session 4

**Chair: Daniel Guibal**

(Geoval)

- 3.20 to 3.50 pm      Median Indicator Kriging: a case study in iron ore  
Alison Keogh, Craig Moulton (Hamersley Iron)
- 3.50 to 4.20 pm      A proposed approach to change of support correction for Multiple Indicator Kriging, based on p-field simulation  
Sia Khosrowshahi, Richard Gaze, Bill Shaw (Mining and Resource Technology)



## **Discussion Panel**

**Chair: John Vann**

(Geoval), GAA Executive Committee

Panel:

Dr Lyn Bloom (Edith Cowan University), GAA  
Executive Committee

Richard Gaze (Mining and Resource Technology)

Brett Gossage (Resource Service Group)

Daniel Guibal (Geoval)

Vivienne Snowden (Snowden Associates)

4.20 to 5.10

General discussion on the floor and with the panel

5.10 to 6 pm

**Drinks on the Terrace**