



Greyline

Photography and Design

PRESENTS





Sanire Eastern Bushveld

The symposium were held at Maropa conference centre just outside Polokwane, Limpopo on the 7th and 8th of November 2013.

Rock engineers from all over the country gathered at the symposium to discuss problematic issues arising in the South African mines.



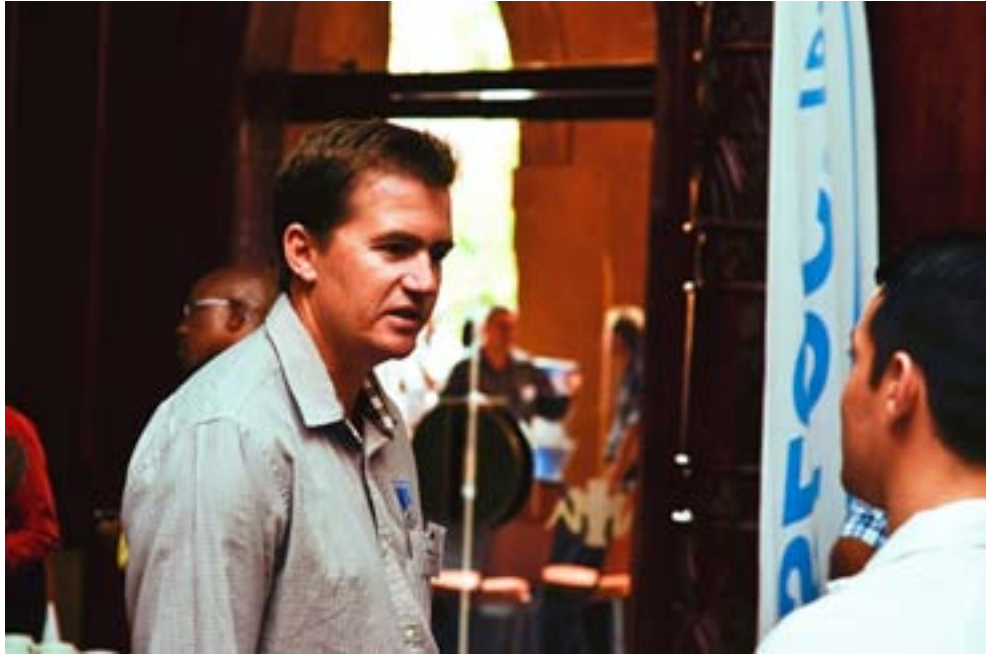
Presenters

- 1 **Koos Bosman**
Opening guest speaker
- 2 **Gerrit Kotze**
A proposed Methodology for rock waste dump design
- 3 **Mark Grave**
Mining the south reef at Doornkop
- 4 **Christiaan van Rooyen**
Micro seismic characterization of the rock mass and the Influence of mining interventions on rock mass behaviour
- 5 **Paul M. Couto**
Flexural slip thrust faulting within the bushveld igneous complex as a result of the formation of the complex and the effect on the rock engineering fraternity.
- 6 **Jaques Gerber**
Analysing the stress and loading system stiffness conditions at face burst source regions through numerical modelling
- 7 **Samantha Hobson**
Comparison between borehole and surface mount sensors and the influence it has on seismic source parameters
- 8 **Naomi Ayeres**
An investigation into the performance capability of hydro prestressed tendon support
- 9 **Ivan Wermuth**
A selected historical recollection relating to early operations at Bafokeng 1966-1971
- 10 **Dr. Ray Durnheim**
Observational studies in South African Mines to mitigate seismic risks a mid-project progress report
- 11 **Pieter Willemse**
Omni 89 remote temporary support installation system with netting
- 12 **Rohan Bierman**
Revised timber elongate de-rating factor for low closure mines
- 13 **Elisa Jeanne Walls**
Technology transfer: Risk based support design in bushveld platinum underground mines.











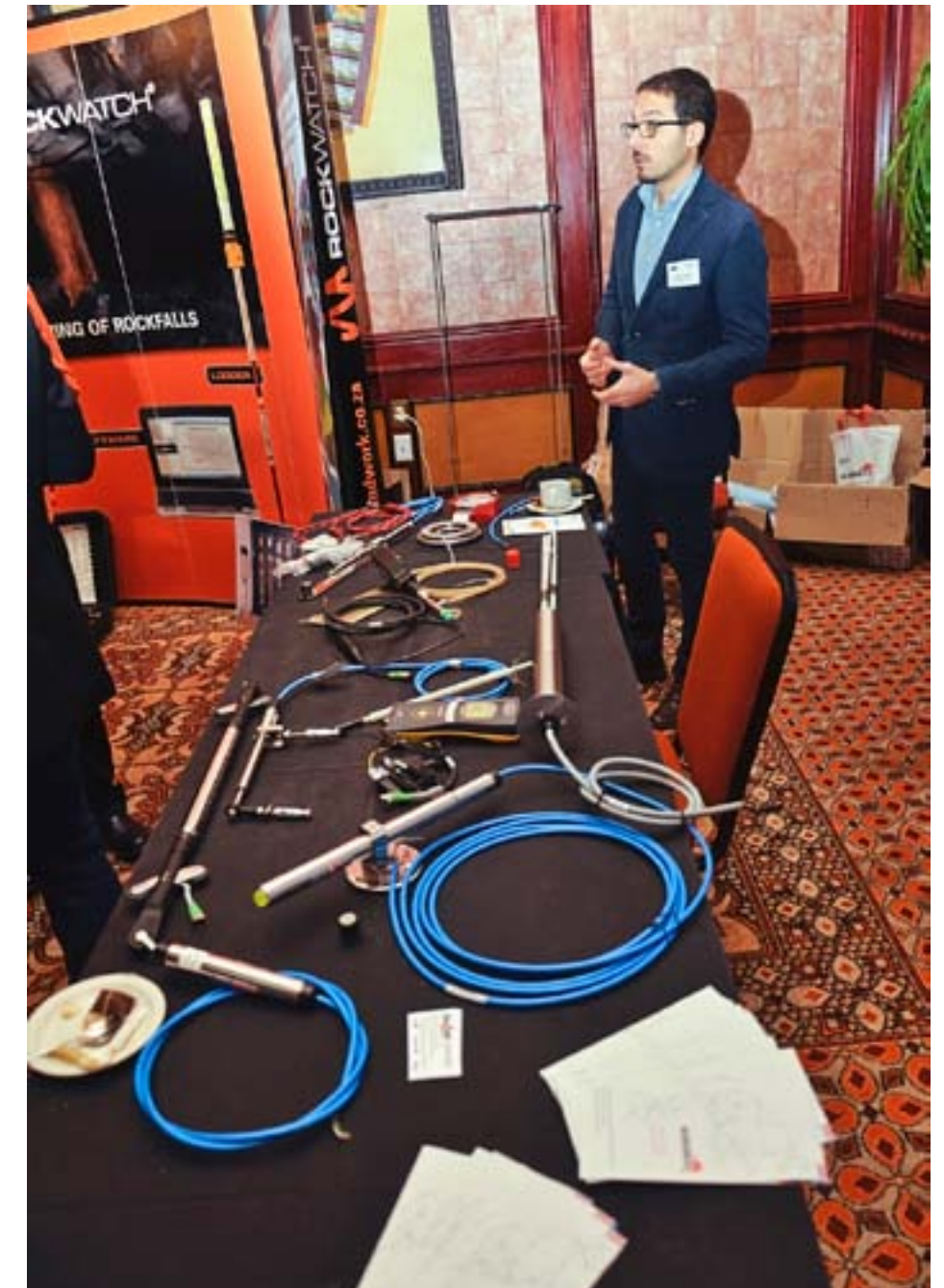


















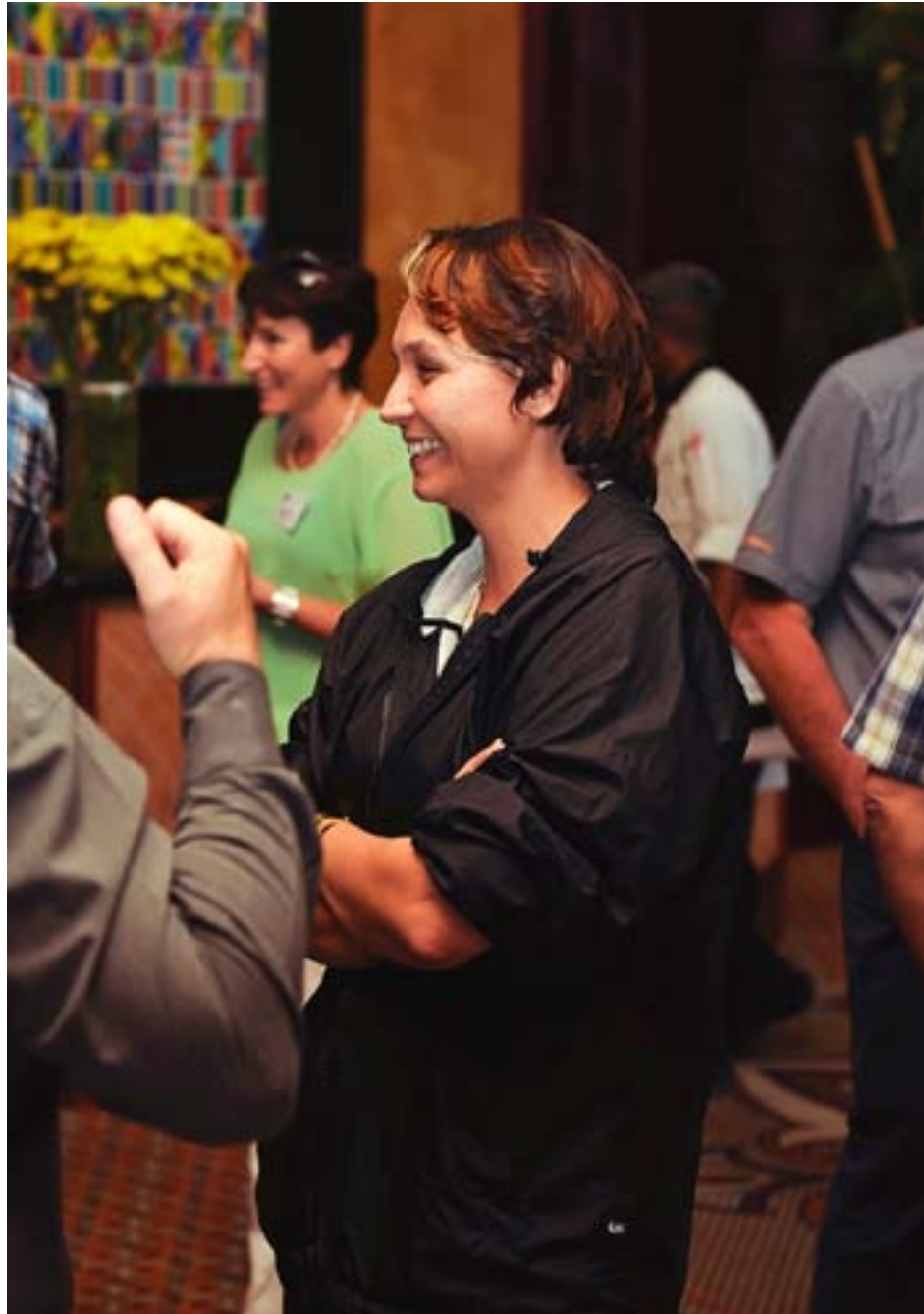






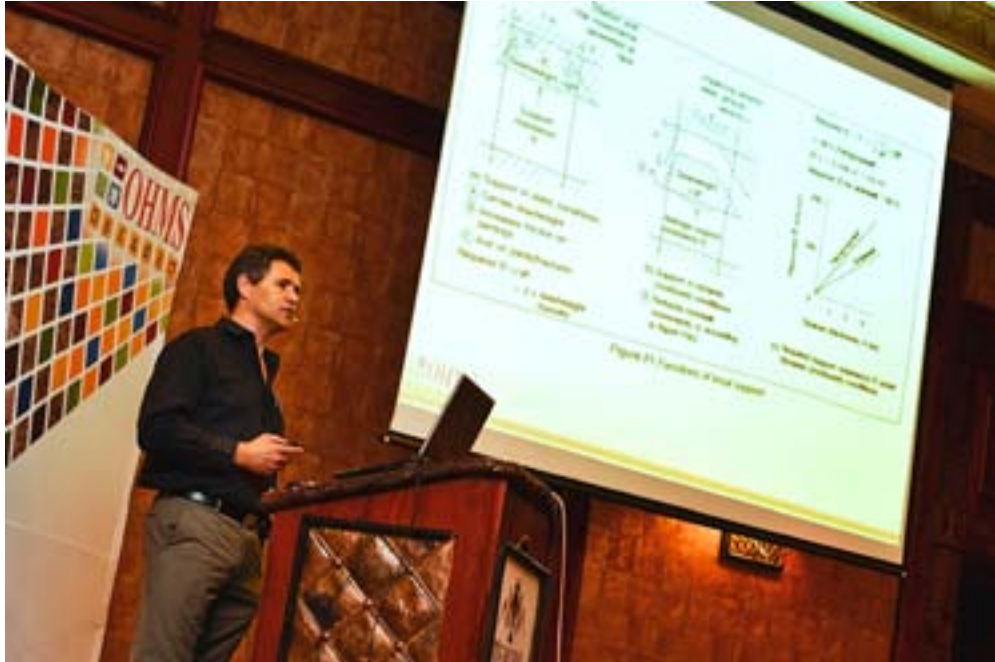








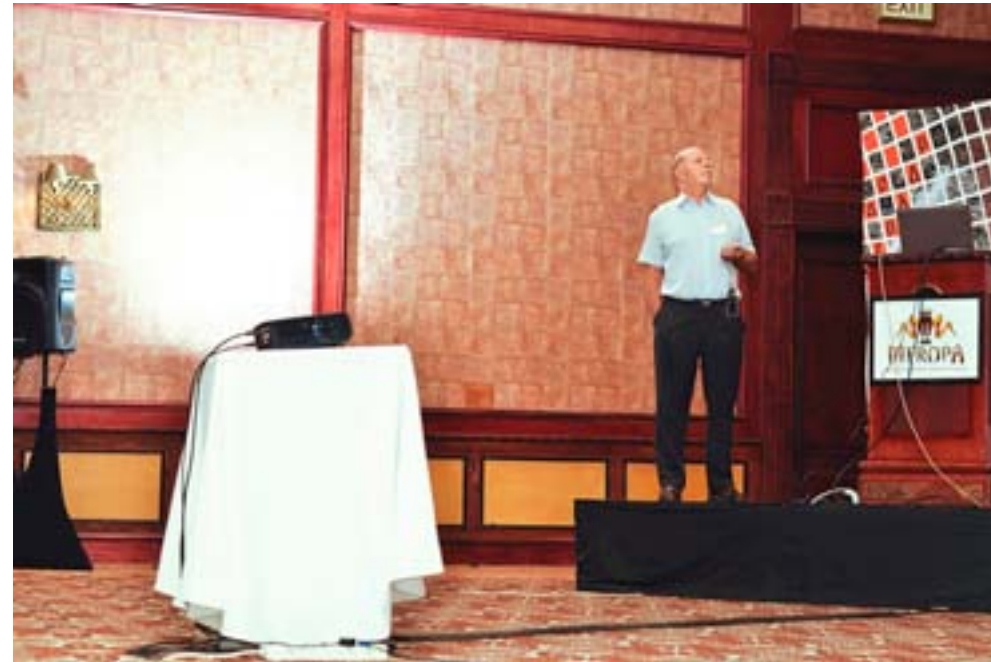
























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