

MINE PLANNING AND DESIGN SCHOOL

23- 26 MAY 2022

TIME: 13:00-17:00 SAST

VENUE : ONLINE VIA ZOOM



Preliminary Programme

Day 1 - Integrated of Pitwall design

Monday, 23 May 2022

- 12:30-13:00 **Zoom Login**
- 13:00-13:05 **Zoom logistics**
SAIMM
- 13:05-13:10 **Welcome and Opening**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 13:10-13:20 **SAIMM Presidential Address**
I.J. Geldenhuys
- Session Chair:**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 13:20-13:35 **Introduction to Conference**
M. Woodhall, *MineRP, South Africa*
- 13:35-14:05 **Mine plan process**
M. Woodhall, *MineRP, South Africa*
- 14:05-14:15 **Break**
- 14:15-15:15 **Strategic and tactical planning**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 15:15-16:00 **Importance of expl and mineral resources to mine planning**
M. Mullins, *Snowden Optiro, United Kingdom*
- 16:00-16:10 **Break**
- 16:10-17:00 **Cut off grade - methodology and best practice**
G. Poxleitner, *SRK Consulting, Canada*
- 17:00 **Day 1 Close**

Day 2 - Practical Mine Planning

Tuesday, 24 May 2022

- 12:30-13:00 **Zoom Login**
- 13:00-13:05 **Zoom logistics**
SAIMM
- 13:05-13:10 **Day 2 Introduction**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- Session Chair**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 13:10-14:00 **Introduction to Conference Anglo Board and Pillar**
A. Cloete, *Anglo American, South Africa*
- 14:00-14:50 **Mine plan process Anglo surface**
M. van Heerden, *Anglo American, South Africa*
- 14:50-15:00 **Break**
- 15:00-16:00 **Contract Mining**
H Fourie, *Lofty Mining, South Africa*
- 16:00-17:00 **Conventional mine design**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 17:00 **Day 2 Close**

Day 3 - Integrated of Pitwall design

Wednesday, 25 May 2022

- 12:30-13:00 **Zoom Login**
- 13:00-13:05 **Zoom logistics**
SAIMM
- 13:05-13:10 **Day 3 Introduction**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- Session Chair**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 13:10-13:25 **Session 1 - Design of pitwalls**
S. Utili, *University of Newcastle and OptimalSlope, United Kingdom*
- 14:25-14:35 **Break**
- 14:35-15:50 **Session 2 - McLaughlin Case Study**
A. Agosti, *OptimalSlope, United Kingdom*
- 15:50-16:00 **Break**
- 16:00-17:00 **Session 3: Geotechnical optimal non liner pitwall profiles**
S. Utili, *University of Newcastle and OptimalSlope, United Kingdom*
- 17:00 **Day 3 Close**

Day 4 - General

Thursday, 26 May 2022

- 12:30-13:00 **Zoom Login**
- 13:00-13:05 **Zoom logistics**
SAIMM
- 13:05-13:10 **Day 4 Introduction**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- Session Chair**
S.M. Rupprecht, *University of Johannesburg, South Africa*
- 13:10-14:00 **Grade control and reconciliation**
TBC
- 14:00-14:50 **Financial analysis**
H. Bormann, *Pivot Mining Consultants, South Africa*
- 14:50-15:00 **Break**
- 15:00-15:45 **Lesson learned**
J. Hudson, *JHK Consulting, South Africa*
- 15:45-17:00 **ESG (Environmental, Social and Governance & Mine Planning)**
M. Solomon, *University of Cape Town, South Africa*
- 17:00 **Day 4 Close**