

Study Group Programme

Monday 15 January to Friday 19 January 2018

Monday 15 January 2018	
8:00 – 9:00	Registration Venue: Mathematical Sciences Building West Campus Loading presentations in New Commerce Building, Room 4
9:00 – 9:15	Official Opening and Welcome Venue: New Commerce Building, Room 4 Chair: David Mason Welcome address: Professor Ebrahim Momoniat, Dean of Science
9:15 – 10:30	Problem Presentations (up to 30 minutes each) The order of the presentations has still to be decided Chair: Montaz Ali <ul style="list-style-type: none">• Diffuser tracer test interpretation Bryan Barker and Mathew Starzak• Stochastic block economic value modelling for generating probability stopes Tinashe Tholana• An algorithm for stope boundary optimization for underground mines Sihsenkosi Nhleko
10:30 – 11:00	Morning tea Venue: Common Room, Mathematical Sciences Building Chair: Ashleigh Hutchinson <ul style="list-style-type: none">• Mathematical modelling of methane gas extraction from Lake Kivu Denis Ndanguza• Application of airborne thermal imaging to wildlife management Barend Erasmus• Environmental monitoring Barend Erasmus

	<ul style="list-style-type: none"> • Spontaneous combustion of stock-piled coal Presenter to be decided • Climate change Francois Engelbrecht
12:30 – 13:00	<p>Identification of Study Groups Chair: Neville Fowkes Formation of Study Groups Room allocation</p>
13:00 – 14:00	<p>Lunch Venue: Common Room Mathematical Sciences Building</p>
14:00 – 16:00	Study Group meetings
16:00 – 16:30	<p>Afternoon tea Venue: Common Room Mathematical Sciences Building</p>
16:30 – 18:30	Study Group meetings
19:00 – 20:00	<p>Dinner Wits Club, Cape Dutch Cottages, West Campus</p>
Tuesday 16 January to Thursday 18 January 2018	
8:30 – 9:00	<p>Study Group meetings Planning the work for the day</p>
9:00 – 10:30	Study Group meetings
10:30 – 11:00	Morning tea
11:00 – 13:00	Study Group meetings
13:00 – 14:00	Lunch
14:00 – 16:00	Study Group meetings
16:00 – 16:30	Afternoon tea
16:30 – 17:30	Study Group meetings
17:30 – 18:30	<p>Tuesday and Wednesday Progress reports by Student Moderators on the work of the day (10--15 minutes) Venue: New Commerce Building Room 4 Chair: Masood Khaliq (Tuesday) Neville Fowkes (Wednesday)</p>

