

Study Group Programme

Monday 12 January to Friday 16 January 2026

Monday 12 January 2026	
8:00 – 9:00	Registration Venue: New Commerce Building West Campus Loading presentations in New Commerce Building, Room 3
9:00 – 9:15	Official Opening and Welcome Venue: New Commerce Building, Room 3 Chair: David Mason Welcome address: Professor Joel Moitsheki, Head, School of Computer Science and Applied Mathematics Organisation of the Study Group
9:15 – 12:15	Problem Presentations (up to 30 minutes each) Chair: Montaz Ali <ul style="list-style-type: none">• Forces on a diffuser lifting screw Richard Loubser• Deep sea mining Precious Shabalala• Mathematical models for tornadoes Puseletso Mofokeng
10:45 – 11:15	Morning tea Venue: Mathematical Sciences Common Room
	Chair: Graeme Hocking <ul style="list-style-type: none">• Corrosion inhibition in CO₂ storage Tim Myers (Virtual presentation)• Vehicle routing problem Stephen Visage and Ian Campbell• Fracture in rock based on extension strain failure criterion David Mason

12:45 – 13:00	Identification of Study Groups Chair: David Mason Formation of Study Groups. Room allocation Study Group meetings
13:00 – 14:00	Lunch Venue: Common Room, UG Floor, Mathematical Sciences Building
14:00 – 15:30	Study Group meetings
15:30 – 16:00	Afternoon tea Venue: Common Room, UG Floor Mathematical Sciences Building
16:00 – 17:00	Study Group meetings
17:00 – 18:00	Dinner Venue: Jubilee Hall Dining Room, East Campus
19:00 – 21:00	Evening Session Study Group meetings

Tuesday 13, Wednesday 14 and Thursday 15 January 2026

8:30 – 9:30	Progress Reports by Student Moderators (10 minutes each) Venue: New Commerce Building, Room 3 Chair: Erick Mubai (Tuesday) Matthews Sejeso (Wednesday) Thama Duba (Thursday) <ul style="list-style-type: none"> • Forces on diffuser lifting screw • Deep sea mining • Mathematical model for tornadoes • Corrosion inhibition in CO₂ storage • Vehicle routing problem • Extension strain fracture in rock
9:30 – 11:00	Study Group meetings Planning the work of the day
11:00 – 11:30	Morning tea Venue: Common Room, UG Floor Mathematical Sciences Building
11:30 – 13:00	Study Group meeting
13:00 – 14:00	Lunch Venue: Common Room, UG Floor

	Mathematical Sciences Building
14:00 – 15:30	Study Group meetings
15:30 – 16:00	Afternoon tea Venue: Mathematical Sciences Common Room
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19:00 – 21:00	Evening Session Study Group meeting

Friday 16 January 2026

9:00 – 12:30	Report back session to Industry Moderators report on progress and recommendations (30 minutes) Venue: New Commerce Building, Room 3 Chair: Masood Khalique <ul style="list-style-type: none"> • Forces on a diffuser lifting screw • Deep sea mining • Mathematical models for tornadoes
(10:30 – 11:00)	Morning tea Chair: Keegan Anderson <ul style="list-style-type: none"> • Corrosion inhibition in CO₂ storage • Vehicle routing problem • Extension strain fracture in rock
12:30 – 13:00	Closing Ceremony Chair: David Mason Award of the Half-Wits Mug
13:00 – 14:00	Lunch Venue: Mathematical Sciences Common Room
14:00	Prepare for departure