

Study Group Programme

Monday 20 January to Friday 24 January 2025

Monday 20 January 2025	
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: Neville Fowkes <ul style="list-style-type: none">• Reviving the ecosystem in Bushbuckridge nature reserve Precious Shabalala• ITNS, immunity and mosquito-borne disease control Calistus Ngonghala• Sugar centrifuge image classification Richard Loubser
10:45 – 11:15	Morning tea Venue: Mathematical Sciences Common Room
	<ul style="list-style-type: none">• Modelling a projection for the potential extinction of the African Penguin Mukhtaar Waja• Combined UV-Chlorine process to improve the disinfection of drinking water Alba Cabrera Codony

	<ul style="list-style-type: none"> • Low-cost housing Anne Fitchett
12:45 – 13:00	<p>Identification of Study Groups Chair: David Mason Formation of Study Groups. Room allocation Study Group meetings</p>
13:00 – 14:00	<p>Lunch Venue: Common Room, UG Floor, Mathematical Sciences Building</p>
14:00 – 15:30	Study Group meetings
15:30 – 16:00	<p>Afternoon tea Venue: Common Room, UG Floor Mathematical Sciences Building</p>
16:00 – 17:00	Study Group meetings
17:00 – 18:00	<p>Dinner Venue: Convocation Dining Hall, West Campus</p>
19:00 – 21:00	<p>Evening Session Study Group meetings</p>
Tuesday 21 and Wednesday 22 January 2025	
8:30 – 9:00	<p>Progress Reports by Student Moderators (10 minutes each) Venue: New Commerce Building, Room 3 Chair: Tim Myers (Tuesday) Matthews Sejeso (Wednesday)</p> <ul style="list-style-type: none"> • Bushbuckridge Nature Reserve • Mosquito nets • Sugar centrifuge image classification • African Penguins • Disinfection of drinking water • Low-cost housing
9:00 – 11:00	<p>Study Group meetings Planning the work of the day</p>
11:00 – 11:30	<p>Morning tea Venue: Common Room, UG Floor Mathematical Sciences Building</p>
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
16:00 – 17:00	Study Group meeting
17:00 – 18:00	Dinner Venue: Convocation Dining Hall, West Campus
19 :00 – 21:00	Evening Session Study Group meeting
Thursday 23 January 2025	
8:30 – 9:30	Progress Reports by Student Moderators (10 minutes each) Venue: New Commerce Building, Room 3 Chair: Graeme Hocking <ul style="list-style-type: none"> • Bushbuckridge nature reserve • Mosquito nets • Sugar centrifuge image classification • African Penguins • Disinfection of drinking water • Low-cost housing
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 meetings
13:00 – 14:00	Lunch Venue: Common Room, UG Floor Mathematical Sciences Building
14:00 – 16:00	Study Group meetings
16:00 – 16:30	Afternoon tea Venue: Mathematical Sciences Common Room
16:30 – 18:00	Study Group meetings
18:30 – 20:00	Dinner Venue: Hofmeyr House, East Campus

20:00 – 21:00	Evening Session Study Group meetings
Friday 24 January 2025	
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"> • Bushbuckridge Nature Reserve • Mosquito nets • Sugar centrifuge image classification
(10:30 –11:00)	Morning tea Chair: Masood Khalique <ul style="list-style-type: none"> • African Penguins • Disinfection of drinking water • Low-cost housing
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