

Graduate Modelling Camp Programme

Wednesday 8 January to Saturday 11 January 2020

Wednesday 8 January 2020	
7:00 – 8:00	Breakfast
8:30 – 8:45	Board shuttle bus to University of Zululand
9:00 – 9:30	Registration Loading presentations
9:30 – 9:45	Chairperson: David Mason <ul style="list-style-type: none">• Syamala Krishnannair Official Opening and Welcome Welcome address: Professor Kunene Dean of Science University of Zululand Organisation of the Modelling Camp
9:45 – 11:45	Problem Presentations 20 minutes each presentation Chairpersons: David Mason/Neville Fowkes <ul style="list-style-type: none">• Neville Fowkes: Detecting imbedded thin strips• Jeff Sanders: Designing an online shop• Jennifer Fitchett: Phenology model for the jacaranda blossoms• Anne Fitchett and Gideon Fareo: Green roofs for managing storm water runoff• Thama Duba: Mathematical modelling of tornadoes• David Mason: Additional problem
11:45 – 12:00	Morning tea Students asked to think about the problems and decide on one
12:00 – 12:30	Identification of Study Groups Students return to main lecture theatre Formation of Study Groups and Room Allocation
12:30 – 13:00	Study Group meetings Students work under supervision
13:00 – 14:00	Lunch hour
14:00 – 16:00	Study Group meetings

16:00 – 16:30	Afternoon tea
16:30 – 17:00	Study Group meetings
17:00 – 18:00	Progress Reports on the work done on Wednesday Chairperson: Neville Fowkes Each study group presents a 10 minutes progress report
18:00 – 19:00	Dinner hour
19:30	Shuttle bus departs for Mtunzini
	Free evening
Thursday 9 January 2020	
7:00 – 8:00	Breakfast
8:30 – 8:45	Board shuttle bus to University of Zululand
9:30 – 11:00	Study Group meetings
11:00 – 11:30	Morning tea
11:30 – 13:00	Study Group meetings
13:00 – 14:00	Lunch hour
14:00 – 16:00	Study Group meetings
16:00 – 16:30	Afternoon tea
16:30 – 17:00	Study Group meetings
17:00 – 18:00	Progress reports on work done on Thursday Chairperson: Eric Mubai Each study group presents a 10 minutes progress report
18:00 – 19:00	Dinner hour
19:30	Shuttle bus departs for Mtunzini
	Free evening
Friday 10 January 2020	
7:00 – 8:00	Breakfast
8:30 – 8:45	Board shuttle bus to University of Zululand
9:30 – 11:00	Study Group meetings
11:00 – 11:30	Morning tea
11:30 – 13:00	Study Group meetings
13:00 – 14:00	Lunch hour
14:00 – 16:00	Study Group meetings
16:00 – 16:30	Afternoon tea
16:30 – 18:00	Study Group meetings
18:00 – 19:00	Dinner hour

19:30	Shuttle bus departs for Mtinzini
	Free evening
There is no progress presentation on Friday evening	
Saturday 11 January 2020	
7:00 – 8:00	Breakfast
8:30 – 8:45	Board shuttle bus to University of Zululand
9:30 – 11:00	Preparation of presentations and brief texed reports
11:00 – 11:30	Morning tea
11:30 – 13:00	Preparation of presentations and brief texed reports
13:00 – 14:00	Lunch hour
14:00 – 17:00	Presentations Each presentation 25 minutes followed by 5 minutes questions Chairperson: Erick Mubai <ul style="list-style-type: none"> • Detecting imbedded thin strips • Designing an online shop • Phenology model for the jacaranda blossoms
15:30 – 16:00	Afternoon tea <ul style="list-style-type: none"> • Green roofs for managing storm water runoff • Mathematical modelling of tornadoes • Additional problem
17:00 – 17:10	Closing Ceremony Chairperson: David Mason Neville Fowkes (AIMS students) Syamala Krishnannair Vote of Thanks Dr Matadi Head Department of Mathematical Sciences University of Zululand
18:00 – 19:00	Dinner hour
19:00:30	Shuttle bus departs for Mtunzini
Sunday 12 January 2020	
Free day	