

Study Group Programme

Monday 15 January to Friday 19 January 2024

Monday 15 January 2024	
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 Moiksheki 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">• The batch pan scheduling problem in a white sugar refinery Richard Loubser• Rogue waves in the Agulhas region Morwakoma Matabane• Tourist attractions capping visitor numbers Precious Shabalala Chair: Neville Fowkes <ul style="list-style-type: none">• Axial strain evaluation without the use of strain gauges Halil Yilmaz• Modelling a gas chromatograph Alba Cabrera-Codony• Acoustic signal in wind turbine Adam Mielke

12:15 – 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: Main Dining Hall, East Campus
19:00 – 21:00	Evening Session Study Group meetings
Tuesday 16 January to Thursday 18 January 2024	
8:30 – 9:30	Progress Reports by Student Moderators (10 minutes each) Venue: New Commerce Building, Room 3 Chair: Erich Mubai (Tuesday) Matthews Sejeso (Wednesday) Graeme Hocking (Thursday) <ul style="list-style-type: none"> • Batch pan scheduling in sugar refinery • Rogue waves • Tourist attractions • Axial strain • Gas chromatograph • Acoustic signal in wind turbine
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
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Friday 19 January 2024	
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"> • Batch pan scheduling in sugar refinery • Rogue waves • Tourist attractions
(10:30 – 11:00)	Morning tea Chair: Masood Khalique <ul style="list-style-type: none"> • Axial strain • Gas chromatograph • Acoustic signal in wind turbine
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