

**GCRF-EPSRC UK-APASI Programme**  
**UK-Africa Postgraduate Study Institute in Mathematical Sciences**



**WORKSHOP 7: 28-29 June 2021**

**Research Projects: Group meetings**

**Monday 28<sup>th</sup> June 2021**

09:30 – 09:45	<b>Joining</b>	<b>Workshop login</b>
09:45 – 09:55	<b>Welcome</b>	<b>Madzvamuse, A. Holligan, Liam</b>
10:00 – 10:55	<b>Introduction:</b> Anotida Madzvamuse	<b>Title:</b> <i>Research groups and allocation</i>
10:55 – 11:00	<b>Break</b>	
11:00 – 11:55	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break-out rooms</i>
12:00 – 13:00	<b>Lunch</b>	
13:00 – 13:45	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break-out rooms</i>
13:55 – 14:00	<b>Break</b>	
14:00 – 14:55	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break-out rooms</i>
14:55 – 15:00	<b>Break</b>	
15:00 – 15:55	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break-out rooms</i>
15:55 – 16:00	<b>Break</b>	
16:00 – 16:30	<b>Summary of Day 1</b>	
16:30	<b>End of Day 1</b>	

**Tuesday 29<sup>th</sup> June 2021**

09:45 – 09:55	<b>Welcome</b>	<b>Workshop login</b>
10:00 – 10:45	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break out rooms</i>
10:55 – 11:00	<b>Break</b>	
11:00 – 11:45	<b>Research group meetings</b>	<b>Title:</b> <i>Zoom break out rooms</i>
11:55 – 13:00	<b>Lunch</b>	
13:00 – 13:45	<b>Research group presentations</b>	<b>Title:</b> <i>Zoom break out rooms</i>
13:55 – 14:00	<b>Break</b>	
14:00 – 14:45	<b>UK-APASI meeting</b>	<b>Title:</b> <i>Research challenges and solutions</i>
14:55 – 15:00	<b>Break</b>	
15:00 – 15:45	<b>UK-APASI meeting</b>	<b>Title:</b> <i>Budget and support beyond September 2021</i>
15:55 – 16:00	<b>Break</b>	
16:00 – 16:30	<b>Summary of Day 2</b>	
16:30	<b>End of Day 2</b>	

**Wednesday 26<sup>th</sup> May 2021**

09:45 – 09:55 **Welcome**

**Workshop login**

10:00 – 10:55 **Lecture 10:** Fred Vermolen

**Title:** *Introductory statistics and the central limit theorem*

10:55 – 11:00 **Break**

11:00 – 11:45 **Lecture 11:** Fred Vermolen

**Title:** *Statistical testing of hypotheses*

11:55 – 13:00 **Lunch**

13:00 – 13:45 **Lecture 8:** Farai Nyabadza

**Title:** *A systems approach to modelling crime dynamics*

13:55 – 14:00 **Break**

14:00 – 14:45 **Lecture 9:** Farai Nyabadza

**Title:** *Can we model the interplay between substance abuse and crime dynamics?*

14:55 – 15:00 **Break**

15:00 – 15:45 **Lecture 14:** Rodwell Kufakunesu

**Title:** *On the energy quanto options*

15:55 – 16:00 **Break**

16:00 – 16:30 **Panel Discussions**

**Panellists:** Vermolen, Nyabadza, Kufakunesu

16:30 **End of Workshop 5**