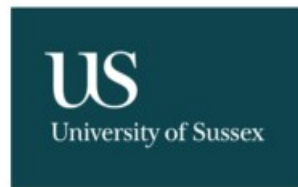


**GCRF-EPSRC UK-APASI Programme**  
**UK-Africa Postgraduate Study Institute in Mathematical Sciences**



**RESEARCH WORKSHOP 2: 17-19 January 2022**

**Wednesday 19<sup>th</sup> January 2022 – all times are UK GMT**

09:15 – 09:30 **Welcome**

**Workshop login**

09:30 – 12:00 **SA-HET-UCDP-USDP-Limpopo**

**Title:** *Separate Zoom break-out room*

09:30 – 10:25 **Research group meetings**

**Title:** *Zoom break out rooms*

10:25 – 10:30 **Break**

10:30 – 11:55: **Research group meetings**

**Title:** *Zoom break out rooms*

12:00 – 13:00 **Lunch**

13:00 – 14:20 **Research group presentations**

**Title:** *Group presentations (15 minutes each)*

1. Kudzanayi Mapfumo: Mathematical analysis of temporal models for Rho GTPases with application to experimental sciences
2. Lungelo Mamba: Fully implicit time stepping schemes
3. Vincent Nandwa: Mathematical Analysis and Simulations of Models for Spatio-Temporal Dynamics of Rho-GTPases
4. Chinwendu Madubueze: Study of a contaminant in a plant as an epidemiological SIR model
5. Zetlin Chazuka: Power law and Cybercrime modelling

14:20 – 14:45 **UK-APASI Meeting**

**Title:** *Budget and research activities*

14:45 **End of Research Workshop**