

# ASNAEM Research Meeting

Friday 10<sup>th</sup> July 2020

(Online via Zoom)

## Programme

(All times are UK)

- 09:00 – 09:15 :** **Welcome. Introduction to ASNAEM and GCRF**  
Dr Marcus Newton, University of Southampton
- 09:15 – 09:30 :** **GCRF START Project**  
Prof Dave G Billing, University of the Witwatersrand
- 09:30 – 09:45 :** **Overview of Energy Materials Research at the University of Nairobi**  
Prof Julius Mwabora, University of Nairobi
- 09:45 – 10:00 :** **Coherent X-ray Imaging of Multi-functional Materials**  
Dr Marcus Newton, University of Southampton
- 10:00 – 10:15 :** **Structure-Property Relationships in Energy Materials**  
Prof Dave G Billing, University of the Witwatersrand
- 10:15 – 10:30 :** **Interrogating the effects of ion implantation-induced defects on the energy storage properties of bulk molybdenum disulphide.**  
Prof Mervin Naidoo, University of the Witwatersrand
- 10:30 – 10:45 :** **Solar Cell Simulations**  
Prof Alex Quandt, University of the Witwatersrand
- 10:45 – 11:00 :** **Short Tea Break**
- 11:00 – 11:15 :** **Transparent Conducting Oxide Heterostructures**  
Dr Prosper Ngabonziza, Max Planck Institute for Solid State Research
- 11:15 – 11:30 :** **Innovation**  
Brian Masara, South African Institute of Physics
- 11:30 – 11:45 :** **African Light Source (AfLS)**  
Prof Simon Connell, University of Johannesburg
- 11:45 – 12:15 :** **Discussions**
- 12:15 – 12:30 :** **Closing Remarks**  
Dr Marcus Newton, University of Southampton