

CoE-MaSS weekly seminar series

THE DSI-NRF CENTRE OF EXCELLENCE IN
MATHEMATICAL AND STATISTICAL SCIENCES (CoE-MaSS)
PRESENTS A SEMINAR BY

Prof Farai Nyabadza

*(Department of Mathematics and Applied Mathematics,
University of Johannesburg)*

***“The challenges of modelling policy
changes: An Odyssey of HIV/AIDS
models”***

Friday, 6 September 2019

10h30-11h30

CoE-MaSS Seminar Room, 1st floor, MSB, Wits.

HIV/AIDS accounts for several hundred thousands of deaths each year globally. There has been a cascade of policies designed to fight the epidemic. The questions are; how should the models adapt to the changing policies? Is the data collected in tandem with the policies? Can we link models to data in the presence of changing policies? This talk highlights the general problems in infectious disease modelling where policies change over the modelling time. Suggestions on how the modelling framework should adapt to policy changes will be presented. Through the lens of the suggested models, specific examples of models that can be adapted to answer the main question will be discussed. A discussion on the implications of such models for informing public health efforts will also be given.

Email: fnyabadza@uj.ac.za

You can connect to all CoE-MaSS weekly seminar series remotely using Vidyo.

1. Click on this link to connect to the [CoE-MaSS Boardroom](#)
2. Type in your display name (e.g. *UKZN-NameSurname*)
3. Click Go.

If you have trouble connecting, please phone the Technical Support Officer on duty in-venue between 10h00-10h25 on +27(0)11 717 6079. *This phone will not be answered once the seminar has started.*

Important videoconferencing netiquette:

Please ***mute your microphone*** so that there is no feedback from your side into the virtual room. During the Q&A slot you can then unmute your microphone if you have a question to ask the speaker. Thank you.

