Summer/Fall 2023 SAMSA Masamu CRN Virtual Colloquia Series

Date	Speaker	Title
20-Jun	Sansao Pedro, Eduardo Mondlane University, Mozambique	An Agent-Based Model for Studying the Spread of COVID-19 in Mozambique: Pandemic Planning Implications of Population Mobility Patterns
18-Jul	Ben Levy, Fitchburg State University, USA	Is climate change biasing fishery survey abundance indices? A simulation study starting point
1-Aug	Inger Fabris-Rotelli, University of Pretoria, South Africa	Modelling misaligned lattice data for wastewater disease prediction
15-Aug	Masood Khalique, North-West University, South Africa	Symmetry analysis of differential equations
29-Aug	Basit Ali, University of Management and Technology, Pakistan	Ekeland variational principle and some of its equivalents on a weighted graph, completeness and the OSC property
12-Sep	John Njagarah, Botswana International University of Science and Technology,	Food and Mouth Disease Dynamics: A case of Botswana
26-Sep	Yuming Paul Zhang, Auburn University, USA	Convergence of some control problems
10-Oct	Innocent Maposa, University of the Witwatersrand, South Africa	Spatio-temporal risk mapping of in-hospital COVID-19 deaths in South Africa
24-Oct	Farai Nyabadza, University of Johannesburg, South Africa	Challenges of modelling epidemics on the African continent: Lessons learned from previous models
7-Nov	Eduard Campillo-Funollet, Lancaster University, United Kingdom	The hares eat lynxes paradox

All talks will be held at 18:00 CAT.
Zoom links will be sent via email.
https://masamu.auburn.edu/