



2021 SAMSA Masamu CRN Virtual Colloquia Series

Date	Speaker	Title
9-Feb	Steve Dobson, Auburn University	Multiple Paternity: How We Used Combinatorials, Bayesian Analyses, and Mixed Models to Study Animal Behavior
23-Feb	Sure Mataramvura, University of Cape Town	A hybrid Neural Network- GARCH approach to forecasting Zimbabwean inflation volatility
9-Mar	Ben Levy, Fitchburg State University	Modeling the Effect of HIV/AIDS Stigma on HIV Infection Dynamics in Kenya
23-Mar	Samuel Manda, South African Medical Research Council	A Spatial Analysis of COVID-19 in African countries: Evaluating the Effects of Sociodemographic, Geographical, Disease Vulnerability, Preparedness, and COVID-19 Importation Determinants
6-Apr	Javier Arsuaga, University of California, Davis	Tracking the evolution of SARS-CoV2
20-Apr	Jane White, University of Bath	Crime Modeling
4-May	Farai Mhlanga, University of Limpopo	On the pathwise stochastic integration for model-free finance
18-May	Paul Horn, University of Denver	Combinatorics and dynamics of a drone network
1-Jun	Alfred Menezes, University of Waterloo	Lattice-based cryptography
15-Jun	Michael Washington, US Centers for Disease Control and Prevention	The Use of Models to Make Informed Public Health Decisions
6-Jul	Innocent Maposa, University of the Witwatersrand	Hamiltonian Monte Carlo Approaches to sampling high dimensional posteriors: Performance in comparison to Random-Walk MCMC Metropolis-Hastings methods
20-Jul	Pete Johnson, Auburn University	Generalized Frobenius Problems

All talks will be held at 08:00 PST; 09:00 MST; 10:00 CST; 11:00 EST; 16:00 GMT, and 18:00 CAT.

Zoom links will be sent via email.

<https://masamu.auburn.edu/>