2024 SAMSA Masamu CRN Virtual Colloquia Series

Talks will be held at 18:00 Central Africa Time. Zoom links will be sent via email.

https://masamu.auburn.edu

Date	Speaker	Title	Date	Speaker	Title
Feb. 13	Amartya Goswami, University of Johannesburg, South Africa	Ideal Spaces of Various Algebraic Structures	July 2	Moleen Dzikiti, Stellenbosch University, South Africa	Mobile phone text messaging plus motivational interviewing versus usual care: a randomised controlled trial to evaluate effects on breastfeeding, child health and survival outcomes, among women living with HIV
Feb. 27	Eriyoti Chikodza, University of Botswana, Botswana	A Fuzzy Stochastic Model for Pricing of Weather Derivatives	July 16	Fernando Venancio Mucomole, Eduardo Mondlane University, Mozambique	Utilizing Machine Learning Models to Predict Long-Term Solar Energy Variability
Mar. 12	Samuel Nuugulu, University of Namibia, Namibia	2024 Masamu Program Planning Session	July 30	Javier Arsuaga, University of California Davis, USA	Using bacterial viruses to develop the theory of DNA under spatial confinement
Mar. 26	Samuel Manda, University of Pretoria, South Africa	Statistics Integration of Health Survey Data for Estimating HIV Spatial Patterns	Aug. 13	Eduard Campillo-Funollet, Lancaster University, UK	CliffordLayers: Statistics Meets Algebra
April 9	Olawanle Layeni, Obafemi Awolowo University, Nigeria	A Phased View of Transient Responses of Beams to Traveling Forces	Aug. 27	Basit Ali, University of Management and Technology, Pakistan	Fixed point and completeness of some distance spaces
April 23	Peter Johnson, Auburn University, USA	Colorings of Graphs with Reference to Other Graphs	Sept. 10	Samuel Manda, University of Pretoria, South Africa	Some Recent Advances in Multivariate Bayesian Small Area Estimation of Health Indicators
May 7	Folashade Agusto, University of Kansas, USA	Prescribed Fire: Exploring the Differential Effect of Fire on Tick-Borne Tularemia	Sept. 24	Peter Johnson, Auburn University, USA	Where graph theory came from: an historical controversy
May 21	Javier Arsuaga, University of California Davis, USA	Opportunities at Banff International Research Station (BIRS) for Mathematical Innovation and Discovery	Oct. 8	Semu Kassa, Botswana International University of Science and Technology, Botswana	Analysis of seasonal soil moisture variability and environmental factors in natural-forage dependent livestock production: The case of Botswana
June 4	Thomas Goetz, University of Koblenz, Germany	Social Models and Epidemiology	Oct. 22	Paul Horn, University of Denver, USA	Partial orders, orientations, and word representations of graphs
June 18	Suzanne Lenhart, University of Tennessee, USA	Natural System Management: A Mathematician's Perspective	Nov. 5	Hans Werner Van Wyk, Auburn University, USA	Look before you leap: Conditional sampling and subspace corrections in stochastic optimization