

Dr. Josephine Wairimu Kagunda

Conferences Attended and Presentations

April 2019

Personal Data

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Conference attended and Presentations

- 2009 AWMA conference in Maputo, Mozambique: Stability and persistence of synchronized manifold in diffusively coupled lattice oscillators with time lag.
- 2010 IRD Conference in Yaoundé, Cameroon in 2009 :Article presented ;“ A model for the transmission of HBV among high risk patients“.
- 2011 Mathematical modeling School in Naromoru, Kenya : Formulation of a Vector SIS malaria model in a patchy environment with two age classes.
- 2013 Meaningful Modeling of Epidemiological Data. MMED, Cape Town, SA: A Network model of HIV spread among Fishing communities in Kisumu, Kenya.
- Mathematics for Planet earth Conference in Capetown, SA: Analysis of a Vector SIS malaria model in a patchy environment with two age classes.
- 2014 ICM 2014, Seoul, Korea: A large scale metapopulation model for Malaria with age structure ; A case of malaria in the Western Kenyan Highlands.
- 2015 CIMPA School Kenya in Panorama Park, Naivasha, Kenya. Formulation and analysis of metapopulation models.
- 2016 SASA conference in Kenyatta University, Nairobi, Kenya in August 2016, Advancing Africa's Sustainable Development Through Science, Technology and Innovation.
- 2017 BIOMATH Conference in Kruger Park South Africa (June 25th - 1st July 2017), paper presented; Modeling the effects of Temperature variation on Schistosomiasis transmission dynamics.
- The 4 Strathmore International Mathematics Conference (SIMC 2017). Paper presented; Modeling the effects of Temperature variation on Schistosomiasis transmission dynamics
- Kenyatta University Hands on workshop: Model building, analysis and simulation, 12th – 16th June, 2017. Role played, Facilitator.
- 2018 Attended the Sociaepidemiology workshop in Ohio, USA hosted by Mathematical Biosciences Institute at the Ohio State University.
- 2018 Short Course on Joint Modeling for Longitudinal and Survival Data,missing Data Analysis 6th - 10th August 2018, at the University of Nairobi.
- Workshop on“Building a Cohort of Mathematical modelers / Data Scientists in Kenya”, Workshop on 22nd- 26th April 2019 at the School of Mathematics, University of Nairobi, Kenya