

Invita al

Coloquio de Matemática Aplicada y Estadística

Epidemic Models: Influenza and Vector-Borne Diseases

Resumen: The role of mathematical models in the study of infectious diseases has been of great importance in recent years given the current outbreaks of ebola, chikungunya, and more recent, zika virus. The mathematical tools often involve nonlinear differential equations, partial differential equations, stochastic processes, among others. Furthermore, we will discuss some results that include, the basic reproductive number and stability analysis of equilibria

Expositor:

Dr. Fabio Sánchez Peña, PhD en la Universidad de Cornell, Estados Unidos, Investigador del CIMPA

Día: **Miércoles 13 de abril**

Hora: 1:30 p.m.

Lugar: Miniauditorio Edificio Matemática-CIMPA, Ciudad de la Investigación

Idioma: Español