Department of Mathematics

Applied Mathematics Seminar

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Mathematical Modeling of the COVID-19 Pandemic: Insights and Moving Forward

Abstract: The COVID-19 Pandemic represented a unique period in our recent history, where many stages of a pandemic occurred with various dynamics, control measures, and forms of data collection. In a retrospective, various models for the COVID-19 pandemic and the associated conclusions will be discussed. The lessons learned in modeling and epidemiology from the COVID-19 pandemic can be extended to other outbreaks, in terms of model dynamics, management strategies, and numerical analyses.

Wednesday April 17, 2024
2:15 – 3:15 PM
LO 1328
Faculty Host: Jing Li